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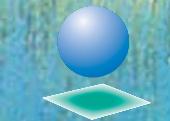
Electronic Deliverable Long-term Operation and Maintenance Third Quarter 2005 Report

Remediation Systems at
ERP Sites SD-08, SD-10, and LF-13

Project No.: BAEY2005-7001 and BAEY2005-7002
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Prepared for
US Air Force
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January 2006



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Environmental Restoration Program



Long-term Operation and Maintenance Third Quarter 2005 Report for Remediation Systems at ERP Sites SD-08, SD-10, and LF-13

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This document presents the Third Quarter 2005 Report for the Beale Air Force Base Long-term Operation and Maintenance Project. This report presents the data collected during third quarter 2005, and summarizes selected historical and current monitoring data for one biovent system, one SVE remediation system, the Site 10 enhanced in situ bioremediation system, and the Site 13 groundwater treatment system at Beale AFB (Task Order 0260; BAEY2005-7001 and BAEY2005-7002).			
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Preface

CH2M HILL is performing Environmental A-E Services for Interim Remedial Action-Operations, for Long-term Operation and Maintenance Project operations at Environmental Restoration Program Sites SD-08, SD-10, and LF-13 at Beale Air Force Base, California. This work is being conducted under the Air Force Center for Environmental Excellence Contract No. F41624-03-D-8595, Task Order No. 0260 (Project No. BAEY2005-7001 and BAEY2005-7002).

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December 27, 2005

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Acronyms and Abbreviations

µg/L	micrograms per liter
°F	degrees Fahrenheit
AFB	Air Force Base
AST	aboveground storage tank
Base	Beale Air Force Base
bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, and xylene
btoc	below top of casing
D	Deep
DCE	dichloroethene
EISB	enhanced in situ bioremediation
EPA	U.S. Environmental Protection Agency
ERP	Environmental Restoration Program
gpm	gallons per minute
GTS	Groundwater Treatment System
GTTS	Groundwater Treatability Test System
ISR	in situ respiration
LAW	Law Environmental, Inc.
LEL	lower explosive limit
LTO&M	long-term operation and maintenance
mg/kg	milligrams per kilogram
O&M	operations and maintenance
PCE	tetrachloroethylene
ppbv	parts per billion by volume
RPO	remedial process optimization
S	Shallow
SCADA	supervisory control and data acquisition
scfm	standard cubic feet per minute

SVE	soil vapor extraction
TCA	trichloroethane
TCE	trichloroethylene
TECA	tetrachloroethane
TPH	total petroleum hydrocarbon
TPH-D	total petroleum hydrocarbon as diesel
VEW	vapor extraction well
VGAC	vapor-phase granular-activated carbon
VMP	vapor monitoring point
VOC	volatile organic compound
VW	vent well

SECTION 1.0

Introduction

The Long-term Operation and Maintenance (LTO&M) Project at Beale Air Force Base (AFB or Base) is performed through the Air Force Center for Environmental Excellence. This report provides a summary of the third quarter 2005 operation, monitoring, and maintenance of one biovent system, one soil vapor extraction (SVE) system, one enhanced in situ bioremediation (EISB) system, and one groundwater treatment system (GTS). Most of the remediation systems are reported semiannually. However, these sites are required to be reported quarterly. Table 1-1 lists the remediation systems at the Environmental Restoration Program (ERP) sites that are reported quarterly, and Figure 1-1 (figures are located at the end of each section) shows the locations of all of the remediation systems.

TABLE 1-1

Beale AFB LTO&M Remediation Systems at ERP Sites

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California

Site and System Names

Biovent System

Site 8 Former J-57 Test Cell Biovent System

Soil Vapor Extraction System

Site 8 Former J-57 Test Cell SVE System

Enhanced In Situ Bioremediation Treatment System

Site 10 North J-58 Test Cell EISB Treatment System

Groundwater Treatment System

Site 13 Landfill No. 1 GTS

1.1 Objective

This quarterly report updates the Air Force Center for Environmental Excellence, Beale AFB, and regulatory agencies on the operating status of the four remediation systems at Beale AFB that are listed in Table 1-1. This quarterly report presents the data collected during third quarter 2005, and summarizes selected historical and current monitoring data for the systems. (Sections 2.0, 3.0, 4.0, and 5.0 present tables and figures referenced in each subsection at the end of each section.)

This report is organized as follows:

- **Section 1.0 – Introduction.** This section provides the objective of the report, a summary of significant operations and maintenance (O&M) activities conducted during third quarter 2005, and recommended activities for subsequent quarters.

- **Section 2.0 – Site 8 Biovent Remediation System.** This section provides a summary of third quarter 2005 operations and monitoring data, and recommendations for upcoming activities at the Site 8 biovent system.
- **Section 3.0 – Site 8 Soil Vapor Extraction System.** This section provides a summary of third quarter 2005 operations and monitoring data, and recommendations for upcoming activities for the Site 8 SVE system.
- **Section 4.0 – Site 10 Enhanced In Situ Bioremediation Treatment System.** This section provides a summary of third quarter 2005 operations and monitoring data, and recommendations for upcoming activities for the Site 10 EISB treatment system.
- **Section 5.0 – Site 13 Groundwater Treatment System.** This section provides a summary of third quarter 2005 operations and monitoring data, and recommendations for upcoming activities for the Site 13 GTS.
- **Section 6.0 – Works Cited.** This section provides complete reference information for all works cited in this report.
- **Appendix A – Validated Analytical Data.** This appendix includes laboratory results for groundwater treatment samples collected during third quarter 2005. This appendix also includes results for groundwater samples collected from 13C050EW and 13C051EW during second quarter 2005.
- **Appendix B – Site 10 Enhanced In Situ Bioremediation Treatment System Monitoring Data.** This appendix discusses the analytical results and field analysis of groundwater samples collected at Site 10 during third quarter 2005.

1.2 Summary of Third Quarter 2005 Activities

Table 1-2 presents a summary of the LTO&M activities during third quarter 2005, with recommendations for future actions.

TABLE 1-2
Summary of Third Quarter 2005 Activities
LTO&M Third Quarter 2005 Report, Beale Air Force Base, California

System Name	Summary of Activities for Third Quarter 2005	Recommended Future Activities
Site 8 Biovent System	Performed routine operation and monitoring.	Routine operation and monitoring. Perform in situ respiration (ISR) testing during second or third quarter 2006.
Site 8 SVE System	The system did not operate during third quarter 2005 and no monitoring data were collected. The system remained off so that the spent vapor-phase granular activated carbon (VGAC) could be sampled, analyzed, and approved for reactivation. The change-out was further delayed by contracting and budgetary constraints.	Replace the spent VGAC in both carbon vessels, install a heat exchanger between blower and lead VGAC vessel, and restart the system during fourth quarter 2005.

TABLE 1-2
 Summary of Third Quarter 2005 Activities
LTO&M Third Quarter 2005 Report, Beale Air Force Base, California

System Name	Summary of Activities for Third Quarter 2005	Recommended Future Activities
Site 10 EISB Treatment System	<p>Routine operation and monitoring.</p> <p>Installed two 4-inch extraction wells and two 4-inch injection wells within Transect 1.</p> <p>Reconfigured the 2-inch wells to extract from the south and inject in the former extraction wells.</p> <p>Performed bimonthly citric acid injections immediately following the injection of lactate as a preventive maintenance measure.</p> <p>Replaced bag filters at extraction wells with cartridge filters at injection wells.</p> <p>Performed combined bromide and lactate tracer test at startup of new 4-inch extraction/injection wells.</p>	<p>Routine operation and monitoring.</p> <p>Convert injection wells 10C037RW and 10C036RW to performance monitoring wells.</p> <p>Upgrade backpressure valves at lactate injection points and install constant pressure tanks on all extraction-injection recirculation circuits.</p>
Site 13 GTS	<p>Performed routine operation and monitoring. Conducted monthly monitoring of the GTS influent and effluent. Analyzed all groundwater samples for volatile organic compounds (VOC) using U.S. Environmental Protection Agency (EPA) Method SW8260B.</p> <p>Diagnosed and repaired a wiring short between the AS-21 blower and the AS-21 control panel.</p> <p>Replaced totalizers on 13C050EW and 13O005EW. Replaced low-pressure tubing on AS-20, and the Magnehelic® gauge and belts on AS-21 blower.</p>	<p>Perform routine operation and monitoring. Conduct monthly monitoring of the GTS influent and effluent. Perform semiannual sampling of GTS extraction wells. Analyze all groundwater samples for VOCs using EPA Method SW8260B.</p> <p>Conduct in situ treatability study at Site 13.</p>

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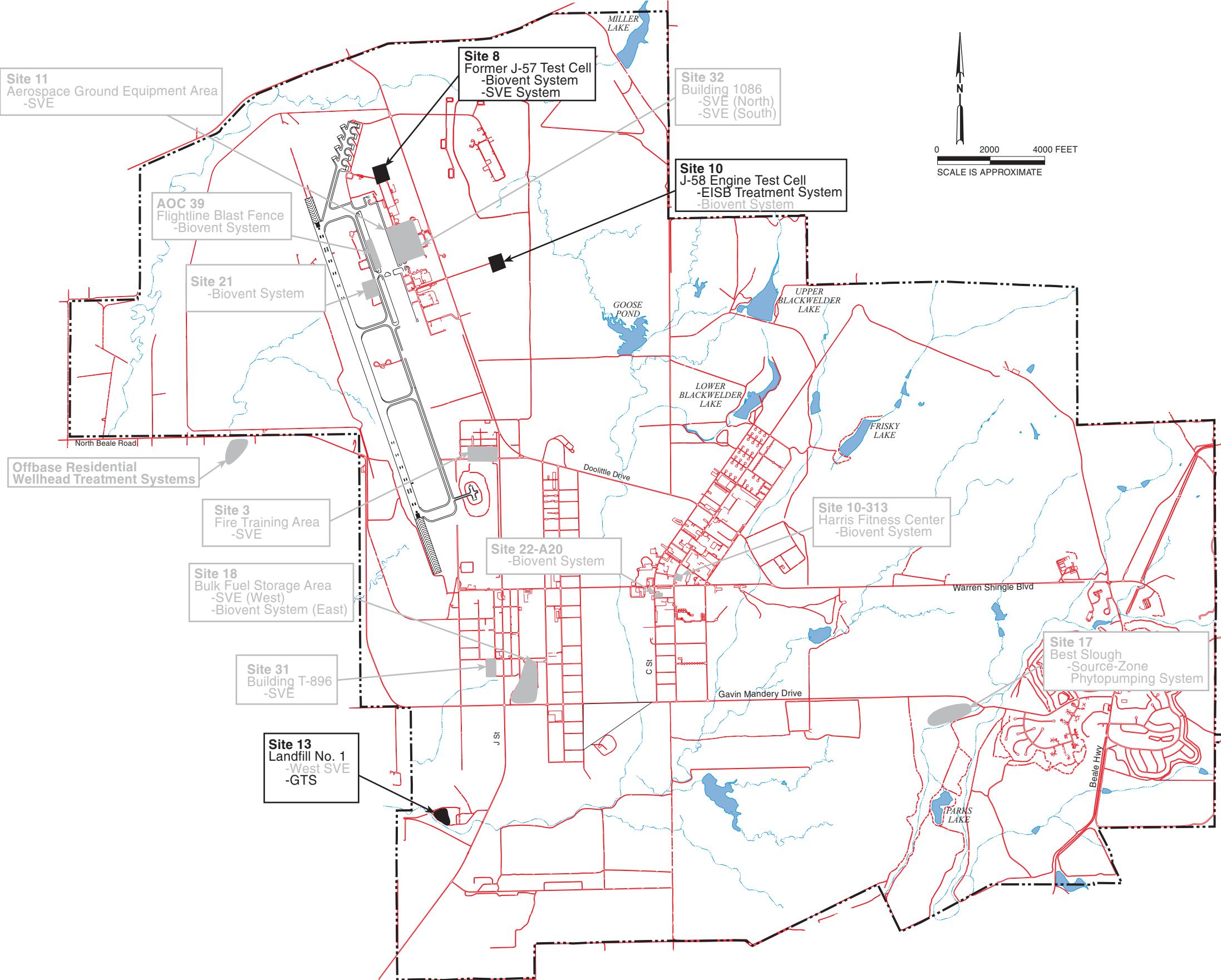


FIGURE 1-1
LOCATION OF BEALE AFB
REMEDIATION SYSTEMS
LTO&M THIRD QUARTER 2005 REPORT
BEALE AIR FORCE BASE, CALIFORNIA
CH2MHILL

SECTION 2.0

Site 8 Biovent Remediation System

Section 2.0 provides a summary of the Site 8 biovent remediation system and includes the following information:

- System background and site description
- System operation and monitoring data collected and maintenance activities conducted during third quarter 2005
- Remedial Process Optimization (RPO) actions
- Site plan presenting the biovent system layout

Table 2-1 summarizes historical information and selected current operating data pertaining to the Site 8 biovent remediation system. A complete summary of previous site investigations and characterization, extent of contamination, lithology, and biodegradation rates for Site 8 was provided in the *Final Site 8 SVE and Biovent System Operations and Maintenance Plan* (CH2M HILL, 2005a).

TABLE 2-1
ERP Site 8 Biovent System Summary
LTO&M Third Quarter 2005 Report, Beale Air Force Base, California

Parameter	Summary Description
Site location	Former J-57 Test Cell, near the northern end of the flightline, in the western portion of the site (see Figure 2-1).
Source of contamination	Fueling and defueling operations, spills, leaks, and runoff associated with jet engine testing.
Contaminants of concern	Total petroleum hydrocarbon (TPH), including TPH as gasoline, TPH as diesel (TPH-D), and TPH as jet fuel.
System history	<ul style="list-style-type: none">• 1993: TPH and benzene detected in shallow vadose zone of the former aboveground storage tank (AST) area at concentrations of 336,000 and 10,000 parts per billion by volume (ppbv), respectively (Law Environmental, Inc. [LAW], 1996).• 1999: TPH detected at 12,000,000 ppbv at 60 feet below ground surface (bgs) in the former AST area. Benzene and toluene detected at 43,000 and 120,000 ppbv, respectively, at 60 feet bgs (CH2M HILL, 1999).• 2003: Monitoring well 08C010MW installed beneath the former AST area. TPH-D detected in soil at 250 milligrams per kilogram (mg/kg) at 85 feet bgs. Benzene detected in shallow soil vapor at concentrations above the cleanup goal (69 ppbv) (CH2M HILL, 2004a).• November 2004: Biovent system installed by CH2M HILL. System includes two vent well (VW) pairs and five dual-screen vapor monitoring points (VMP) (CH2M HILL, 2005a).• February 2005: Biovent system becomes operational.
Depth range of VW screen intervals	30 to 80 feet bgs.
Depth range of VMP screen intervals	35 to 75 feet bgs.
Air injection flow rate	Blower maximum rating: 92 standard cubic feet per minute (scfm).

2.1 Site 8 Biovent System Background and Description

The ERP Site 8 Former J-57 Test Cell is located in the northwest portion of Beale AFB near the northern end of the flightline area. Open fields and grazing lands surround Site 8. As shown on Figure 2-1, the site includes two concrete pads connected by asphalt paving, a former jet fuel AST, a septic leachfield, and a surface water drainage ditch.

A biovent system and an SVE system are located at Site 8. The following sections address the Site 8 biovent system, and Section 3.0 addresses the Site 8 SVE system.

2.2 Summary of System Operation and Monitoring Activities

Table 2-2 presents the routine and nonroutine operation, monitoring, and maintenance activities conducted during third quarter 2005, and the activities planned as part of ongoing operation and monitoring of the Site 8 biovent system.

2.2.1 System Operation Data

Table 2-3 summarizes operations and monitoring data for the Site 8 biovent system. Table 2-4 presents biweekly operations data.

2.2.2 System Monitoring Data

Quarterly monitoring data for Site 8 were collected on September 22, 2005. Table 2-5 presents the quarterly system monitoring data. Elevated oxygen levels (16.3 to 20.9 percent) and reduced carbon dioxide levels (0.0 to 1.9 percent) were recorded at all wells included in quarterly monitoring at Site 8.

2.3 Remedial Process Optimization Actions for Site 8 Biovent System

Table 2-6 presents a summary of previously planned RPO actions, and RPO actions planned for future completion for the Site 8 biovent system.

TABLE 2-2
ERP Site 8 Biovent System – Operation, Monitoring, and Maintenance Activities, Third Quarter 2005
LTO&M Third Quarter 2005 Report, Beale Air Force Base, California

Description	Date	Planned Activity for Next Period	Comment
Routine Activity			
Performed biweekly monitoring.	Biweekly monitoring was performed five times during third quarter 2005.	Biweekly monitoring	
Performed quarterly monitoring.	Quarterly monitoring was performed on September 22, 2005.	Quarterly monitoring	
Nonroutine Activity			
The system did not operate for a period of approximately 1 month due to contracting and budgetary constraints.	The system did not operate between July 5, 2005 and August 3, 2005.		The period of performance for the previous contract that covered operation of the system concluded at the end of second quarter 2005. The system was restarted when the new contract for O&M of the system was executed.

TABLE 2-3
ERP Site 8 Biovent System – Summary of Operations and Monitoring Data, Third Quarter 2005
LTO&M Third Quarter 2005 Report, Beale Air Force Base, California

Parameter	Value	Comment
VWs operating (average flow rate [scfm])	08C042VWS (40), 08C042VWD (36), 08C043VWS (31), and 08C043VWD (41)	
System discharge pressure (inches of water)	16 to 17	See Table 2-4.
Hours operated (hours)	1,227	
Percent uptime (percent)	80	System uptime was measured between August 3 and September 30, 2005 (third quarter 2005). The system was shut down between July 5 and August 3 due to contracting and budgetary constraints. The system operated 55 percent of the quarter, including planned down time.
Average system flow rate (scfm)	119	
Estimated geometric mean biodegradation rate (milligrams per kilogram per year)	0.6	Based on the results of the May 2005 ISR test.
Depth to groundwater (average)	97 feet bgs	Depth to groundwater was measured during January 2005 as part of the Basewide Groundwater Monitoring Program.

TABLE 2-4

ERP Site 8 Biovent System – Biweekly Operations Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California

Date	Time	Blower Status	Hours Gauge	Pressure after Blower ^a (inches of water)	Temperature after Blower (°F)	Flow (scfm)				Comment
						08C042VWS	08C042VWD	08C043VWS	08C043VWD	
07/07/05	--	Off	2,908.3	--	--	--	--	--	--	The system was shut down on July 5, 2005, until a new contract for O&M of the system was executed.
08/25/05	1:30 PM	On	3,440.4	16.9	102	--	--	--	--	The system was restarted on August 3, 2005, following execution of a new contract for O&M of the system.
09/09/05	6:47 AM	On	3,664.1	16.9	100	39	31	30	41	
09/22/05	10:58 AM	On	3,834.5	15.8	108	40	41	32	40	
09/27/05	9:58 AM	Restart	3,938.4	--	--	--	--	--	--	The system was down due to a power outage caused by a thunderstorm.

^aPressure and temperature readings recorded during the quarter were within normal operating ranges.

Notes:

°F = degrees Fahrenheit

-- = data not recorded

TABLE 2-5

ERP Site 8 Biovent System – Quarterly Monitoring Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California

Location	Screen Interval (feet bgs)	Pressure (inches of water)	Oxygen^a (%)	Carbon Dioxide^a (%)	VOC^a (ppm)	Methane LEL^a (%)	Comment
08C034VMPS	35 to 45	1.2	16.3	1.9	0.0	0.0	
08C034VMPD	65 to 75	1.3	18.8	0.8	0.0	0.0	
08C035VMPS	35 to 45	0.9	20.4	0.0	0.0	0.2	
08C035VMPD	65 to 75	1.0	20.5	0.0	0.0	0.0	
08C036VMPS	35 to 45	1.0	19.8	0.0	0.0	0.0	
08C036VMPD	65 to 75	0.8	20.4	0.0	0.0	0.0	
08C038VMPS	35 to 45	0.8	20.4	0.3	0.0	0.0	
08C038VMPD	65 to 75	0.9	20.3	0.0	0.0	0.0	
08C039VMPS	35 to 45	0.6	19.9	0.6	0.0	0.0	
08C039VMPD	65 to 75	0.6	20.1	0.6	0.0	0.0	
08C042VWS	30 to 50	3.9	20.8	0.0	0.0	0.0	
08C042VWD	60 to 80	3.8	20.8	0.0	0.0	0.0	
08C043VWS	30 to 50	4.2	20.9	0.0	0.0	0.0	
08C043VWD	60 to 80	2.3	20.9	0.0	0.1	0.0	

^aPercent oxygen, percent carbon dioxide, and percent VOC were recorded using an FID, and methane was recorded as a percentage of the LEL.

Notes:

ppm = parts per million

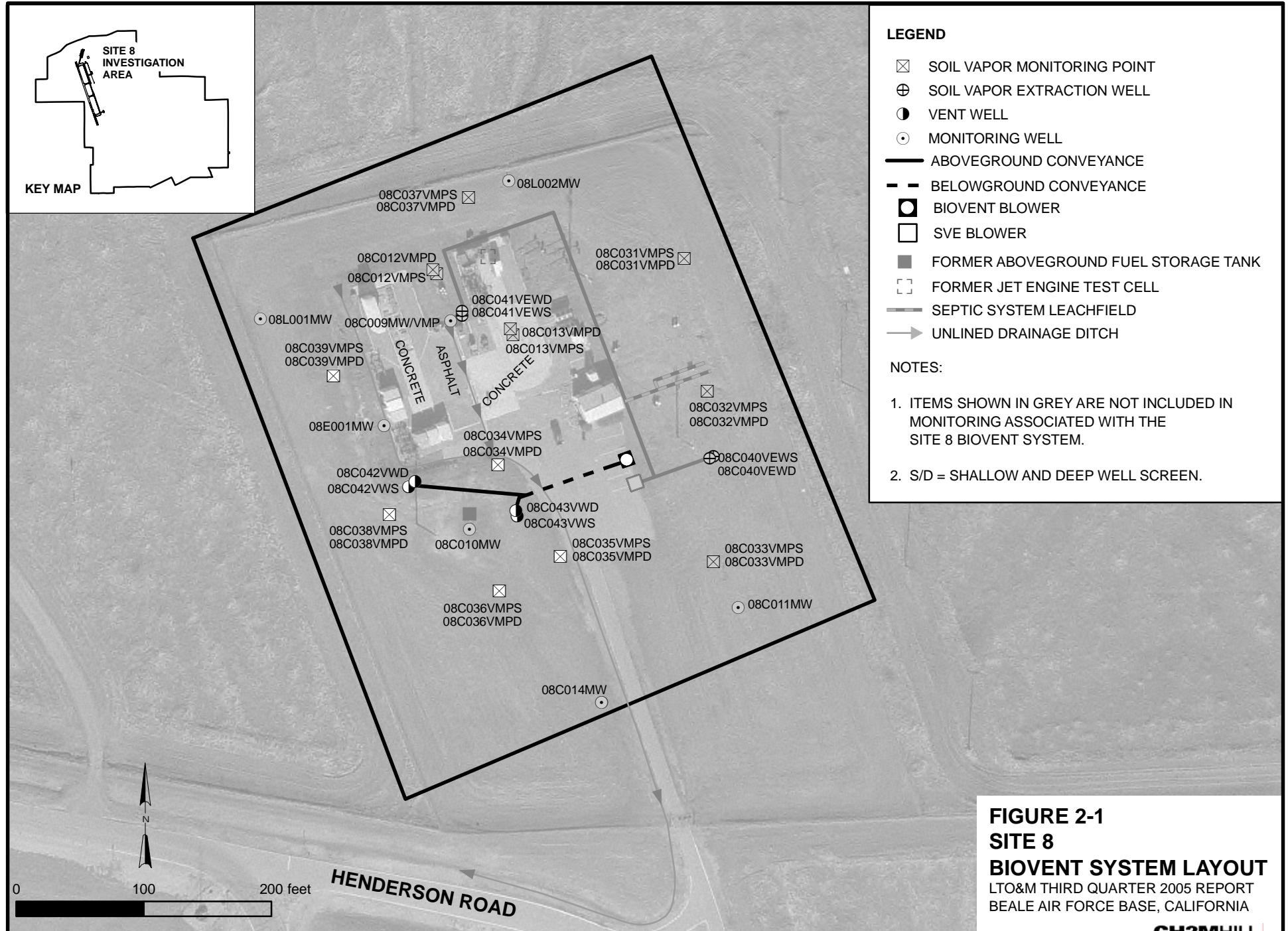
LEL = lower explosive limit

TABLE 2-6

ERP Site 8 Biovent System – RPO Evaluation and Recommendations

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California

Activity	Status	Date	Comment
Previously Planned RPO Actions			
None			
Planned RPO Actions			
None			



SECTION 3.0

Site 8 Soil Vapor Extraction System

Section 3.0 provides a summary of the Site 8 SVE remediation system and includes the following information:

- System background and site description
- Operating and monitoring activities for third quarter 2005
- RPO actions
- Site plan presenting the SVE system layout

Table 3-1 summarizes historical information and selected current operating data pertaining to the Site 8 SVE remediation system. A complete summary of previous site investigations and characterization, extent of contamination, and lithology for Site 8 was provided in the *Final Site 8 SVE and Biovent System Operations and Management Plan* (CH2M HILL, 2005a).

3.1 Site 8 SVE System Background and Description

The ERP Site 8 Former J-57 Test Cell is located in the northwest portion of Beale AFB near the northern end of the flightline area. Open fields and grazing lands surround Site 8. The site includes two concrete pads connected by asphalt paving, a former jet fuel AST, a septic leachfield, and a surface water drainage ditch (see Figure 3-1).

A biovent system and an SVE system are located at Site 8. The following sections address the Site 8 SVE system, and Section 2.0 addresses the Site 8 biovent system.

3.2 Summary of System Operation and Monitoring Activities

The Site 8 SVE system did not operate during third quarter 2005 and no monitoring data were collected. The system remained off so that the spent vapor-phase granular activated carbon (VGAC) could be sampled, analyzed, and approved for reactivation. The change-out was further delayed by contracting and budgetary constraints. The spent VGAC in both carbon vessels will be replaced and the system restarted during fourth quarter 2005.

3.3 Remedial Process Optimization Actions for Site 8 SVE System

Table 3-2 presents a summary of previously planned RPO actions, and RPO actions planned for future completion for the Site 8 SVE system.

TABLE 3-1
ERP Site 8 SVE System Summary
LTO&M Third Quarter 2005 Report, Beale Air Force Base, California

Parameter	Summary Description
Site location	Former J-57 Test Cell, near the northern end of the flightline, in the eastern portion of the site (see Figure 3-1).
Source of contamination	Fueling and defueling operations, degreasing activities, spills, leaks, and runoff associated with jet engine testing.
Contaminants of concern	TCE, TPH, and BTEX.
System history	<ul style="list-style-type: none"> • 1993: TCE and TPH detected in shallow vadose zone between concrete test pads at 4,100 and 5,000 ppbv, respectively. TPH detected in the shallow vadose zone of the leachfield area at maximum concentration of 167,000 ppbv. BTEX compounds also detected (LAW, 1996). • 1999: TCE and TPH detected in the test pad area at maximum concentrations of 34,000 and 24,000 ppbv, respectively. TPH detected in the leachfield area at maximum concentration of 270,000 ppbv. TPH concentrations highest near suspected locations of leachfield lines. TCE and benzene detected in leachfield area above the cleanup goals (350 and 69 ppbv, respectively) (CH2M HILL, 1999). • 2003: TCE detected in the test pad area at maximum concentration of 11,600 ppbv. Results of a GORE-SORBER® survey showed a TCE “hot spot” between the concrete test pads. Benzene detected in shallow soil vapor in leachfield area at 89.2 ppbv (CH2M HILL, 2004a). • November 2004: SVE system installed by CH2M HILL to remediate TCE, BTEX, and TPH contamination in the test pad and leachfield areas. System includes two 2,000-pound VGAC units, two VEW pairs, and seven VMPs (two S/D pairs and five nested completions) (CH2M HILL, 2005a). • January 2005: SVE system started up and then shut down because of flow restriction in lag VGAC vessel. • April 2005: Installed new lag VGAC vessel. SVE system restarted. • June 2005: System shut down for carbon changeout.
Depth range of VEW screen intervals	30 to 80 feet bgs.
Depth range of VMP screen intervals	9 to 90 feet bgs.

Notes:

BTEX = benzene, toluene, ethylbenzene, and xylene

TCE = trichloroethylene

VEW = vapor extraction well

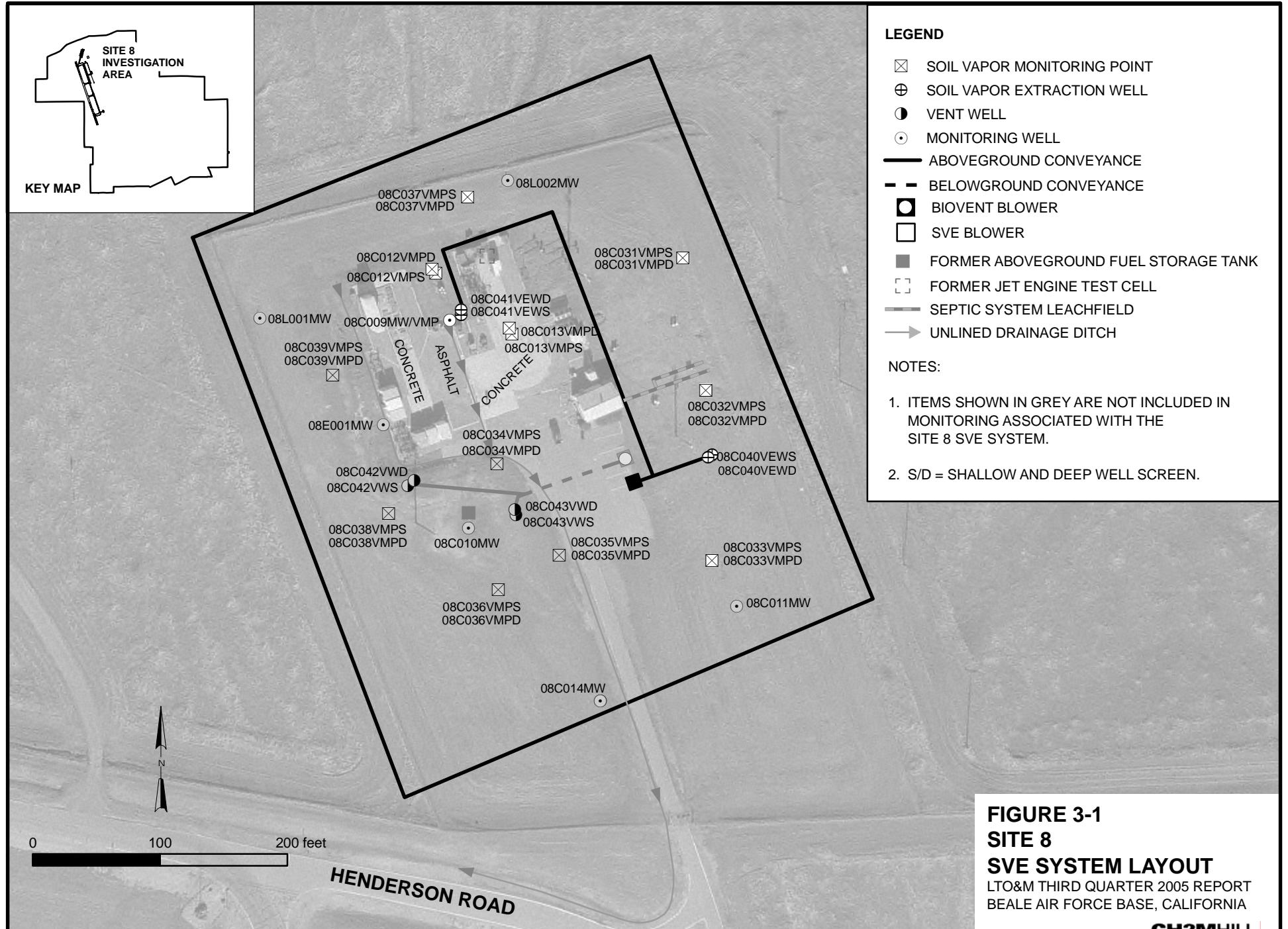
TABLE 3-2

ERP Site 8 SVE System – RPO Evaluation and Recommendations

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California

Activity	Status	Date	Comment
Previously Planned RPO Actions			
Replace VGAC in both carbon vessels and install a heat exchanger between blower and lead VGAC vessel.	Open	October 2005	Because of elevated temperatures at the influent to the VGAC system, a heat exchanger should be installed to optimize VGAC performance. The existing surplus heat exchanger unit will be moved from Site 32 South to Site 8. The heat exchanger will bring the process vapor stream temperatures to below 120°F.
Restart SVE system and balance operation of the biovent and SVE systems to reduce hydrocarbon loading of the VGAC.	Open	October 2005	Balance system operation by opening biovent bleed valve and SVE dilution valve. Reduce TPH extraction by the SVE system, facilitate TPH degradation in the subsurface, and extend life of the VGAC.
Planned RPO Actions			
None			

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SECTION 4.0

Site 10 Enhanced In Situ Bioremediation Treatment System

Section 4.0 provides a summary of the Site 10 EISB treatment system and includes the following information:

- System background and site description
- System operation and monitoring data collected and maintenance activities conducted during third quarter 2005
- RPO actions
- Site plan presenting the EISB treatment system layout

Table 4-1 summarizes historical information and selected current operating data regarding the Site 10 EISB treatment system. Laboratory analyses performed during third quarter 2005 are provided in Appendix B.

In accordance with the requirements of the Regional Water Quality Control Board, the Site 10 EISB system is reported quarterly. Therefore, this section reflects activities conducted during third quarter 2005. Activities conducted during first quarter 2005 were reported in the *LTO&M First Quarter 2005 Report* (CH2M HILL, 2005b). Activities conducted during the second quarter 2005 were reported in the *LTO&M First Semiannual 2005 Report* (CH2M HILL, 2005c).

TABLE 4-1
ERP Site 10 EISB Treatment System Summary
LTO&M Third Quarter 2005 Report, Beale Air Force Base, California

Site Parameter	Summary Description
Site location	East of Doolittle Drive and the flightline area (see Figures 1-1 and 4-1).
Source of contamination	Aircraft maintenance and testing activities.
Contaminants of concern	Chlorinated solvents.
System history	<ul style="list-style-type: none">• 2002: Remedial investigation determined chlorinated solvents in upper groundwater zone required remediation.• 2003: Draft Final Record of Decision selected EISB as remedy for groundwater source area and monitored natural attenuation for distal portion of solvent plume.• 2003 to 2004: Conducted a bench-scale and pilot-scale testing of bioremediation technology.• January 2005: Completed Phase 1 of the EISB treatment system.• September 2005: Installed two additional extraction-injection circuits. The circuits include two extraction, two injection, and two performance monitoring wells.
Depth of well screen intervals	35 to 70 feet bgs.
Depth to groundwater	Approximately 40 feet bgs.

4.1 System Background and Description

The ERP Site 10 North J-58 Test Cell is located in the northwestern part of Beale AFB, east of Doolittle Drive and the flightline area (see Figure 1-1). In 2004, Phase 1 of the full-scale EISB treatment system at Site 10 was installed. EISB is being used to treat chlorinated VOC contamination in the groundwater source area (defined as groundwater with TCE concentrations greater than 100 µg/L). System performance and compliance is assessed with 10 performance monitoring wells and seven compliance monitoring wells (see Figure 4-1). The estimated electron donor demand for the treatment area at Site 10 is 1,947 gallons of 60 percent sodium lactate per year. The remedial action objectives are described in Section 5.6 of the *Site 10 Remedial Action Summary Report* (CH2M HILL, 2005d).

Two additional extraction-injection recirculation circuits were installed within Transect 1 during third quarter 2005. The two new recirculation circuits include two new 4-inch extraction wells (10C042RW and 10C044RW), two new 4-inch injection wells (10C046RW and 10C052RW), and two new 4-inch performance monitoring wells (10C025MW and 10C026MW). In addition, select 2-inch wells were reconfigured to extract from the south and inject in the former extraction wells. These modifications to Transect 1 of the EISB system will increase recirculation flow rates and take advantage of the natural hydraulic gradient at the site to aid in lactate dispersion within the aquifer. The location of the new wells and the reconfigured system layout are depicted on Figure 4-1.

4.2 Summary of System Operation and Monitoring Activities

Table 4-2 summarizes the routine and nonroutine operation, monitoring, and maintenance activities conducted during third quarter 2005. Table 4-3 presents the Site 10 EISB system operational parameters.

4.2.1 System Operation Data

Table 4-4 summarizes groundwater recirculated and the sodium lactate injected by the Site 10 EISB treatment system during third quarter 2005.

The EISB treatment system pumped 209,797 gallons of groundwater from four extraction wells (see Table 4-4). The low quantity of water injected in August and September was due to extended shutdowns of the EISB system. In August, the EISB system was shutdown to install additional wells within Transect 1 and to redevelop all of the injection wells. Portions of the EISB system were restarted the first week of September. Less than a week after restarting the EISB system, mechanical failure of the air compressor that supplies air to the extraction pumps shutdown the system for the remainder of September.

Injection well 10C037RW has had the lowest specific capacity of all injection wells, which makes the well more susceptible to the effects of biofouling. Flow to 10C037RW has been shut off since April because of recurring biofouling problems. Injection wells 10C022IW, 10C036RW, 10C041RW, and 10C043RW took less than average amounts of water during third quarter 2005. The average pumping rate, per extraction well, during third quarter 2005 was 0.53 gallon per minute (gpm).

TABLE 4-2

ERP Site 10 EISB Treatment System – Operation, Monitoring, and Maintenance Activities, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California

Description	Date	Comment
Routine Activity		
Visually inspected the system components for proper equipment operation.	Weekly	
Adjusted valve positions to balance the flow from each extraction well to the adjacent injection wells. In cases where injection wells were injecting under pressure (well is full), the flow was reduced to avoid leaks.	Weekly	
Nonroutine Activity		
Above ground water recirculation lines between extraction well 10C030RW and injection wells 10C036RW and 10C038RW removed.	August 18, 2005	Above ground recirculation piping between wells was removed to provide site access for drilling rig.
Data retriever on 10C030RW removed and returned to QED for repair.	August 22, 2005	Data retriever unit was not sending the identification number.
Above ground water recirculation line between extraction well 10C031RW and injection well 10C022IW removed.	August 23, 2005	Above ground recirculation piping between wells was removed to provide site access for drilling rig.
Flushed above ground water recirculation lines with citric acid solution to address biomass growth within the lines.	August 24, 2005	Biomass growth within the recirculation lines reduces flow rates and contributes to fouling of injection wells.
Data retriever on 10C032RW stopped reporting daily flow rates.	August 26, 2005	Data retriever was serviced in the field by a QED Environmental Systems service technician.
Data retriever on 10C031RW stopped reporting all data.	September 6, 2005	Data retriever was serviced in the field by a QED Environmental Systems service technician.
EISB system shutdown due to mechanical failure of the air compressor that supplies air to the extraction pumps.	September 9, 2005	Parts required to repair the compressor were back ordered and prevented restarting the EISB system for the remainder of the quarter.

TABLE 4-3

ERP Site 10 EISB Treatment System – Summary of Operations and Monitoring Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California

Parameter	Value	Comment
Extraction wells operating	4	
Volume of sodium lactate injected (gallons)	216	See Table 4-6.
Calculated lactate demand (percent)	11.1	
Average extraction well flow rate (gpm)	0.53	
Average depth to water at injection wells (feet below top of casing)	23.3	
Depth to groundwater (feet bgs)	40	

TABLE 4-4

ERP Site 10 EISB Treatment System – Groundwater Injected, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California

Month	10C022IW (0.12) ^a	10C034RW (0.32) ^a	10C036RW (0.25) ^a	10C037RW ^b (0.00) ^a	10C038RW (0.75) ^a	10C039RW (0.32) ^a	10C041RW (0.13) ^a	10C043RW (0.21) ^a	Total (2.11) ^a
July	15,209	13,217	13,202	0	39,876	27,596	6,093	9,367	124,560
August	17,248	9,520	8,818	0	19,216	1,136	0	5,983	61,920
September	0	5,768	0	0	7,941	0	5,927	3,780	23,316
Total	32,458	28,504	22,020	0	66,933	28,732	12,020	19,130	209,797

^aValue shown in parenthesis represents the average injection rate (gpm).^bWell 10C037RW was not used during the third quarter because of low transmissivity in this area.

Note:

Values are in gallons.

The average lactate dosage rate was less than 2.08 gallons per week for each injection well during third quarter 2005 (see Table 4-5). The volume of sodium lactate injected during third quarter 2005 was roughly 11.1 percent of the calculated demand for the treatment area (1,947 gallons). The lactate dosage rate was suspended for approximately 1 month during third quarter 2005 due to the mechanical failure of the air compressor.

Citric acid was used once during third quarter 2005, during injection well redevelopment. In September, the injection wells were dosed with emulsified vegetable oil to maintain anaerobic conditions within the wells during the extended system shutdown.

4.2.2 Groundwater Monitoring Data

Quarterly sampling was conducted August 11, 12, 15, and 16, and September 6, 7, 8, and 9, 2005. Appendix B provides a discussion of quarterly groundwater monitoring data collected during third quarter 2005. Complete analytical results for third quarter 2005 are provided in Appendix B, Attachment B2.

4.3 Remedial Process Optimization Actions for Site 10 EISB Treatment System

Table 4-6 presents a summary of previously planned RPO actions, and RPO actions planned for future completion for the Site 10 EISB treatment system. Before bioaugmenting with KB-1, the EISB treatment system must operate consistently, and stable anaerobic conditions must be established. These two criteria were not observed during third quarter 2005 due to the unplanned system downtime. Therefore, bioaugmentation will be postponed until the fourth quarter 2005.

TABLE 4-5

ERP Site 10 EISB Treatment System – Sodium Lactate Injected, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California

Month	10C022IW	10C034RW	10C036RW	10C037RW	10C038RW	10C039RW	10C041RW	10C043RW	Total
April	20	19	13	0	36	15	5	14	122
May	18	15	4	0	18	2	0	9	66
June	0	9	0	0	8	0	5	6	28
Quarterly Total	38	43	17	0	62	17	10	29	216
Rate (gallons/week)	2.92	3.29	1.33	0.00	4.77	1.31	0.78	2.20	16.61

Note:

Values are in gallons.

TABLE 4-6

ERP Site 10 EISB Treatment System – RPO Evaluation and Recommendations

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California

Activity	Status	Date	Comment
Previously Planned RPO Actions			
Install two 4-inch extraction wells and two 4-inch injection wells within Transect 1.	Complete	August to September 2005	Increased flow rates of the 4-inch wells reduce the likelihood of biofouling by improving lactate dispersion within the aquifer. Improved lactate dispersion will reduce the quantity of biomass within the immediate vicinity of the well by diluting an available carbon source.
Use air rotary drilling to drill new 4-inch wells.	Complete	August to September 2005	Air rotary drilling produces better well yields than mud rotary drilling.
Use larger screen sizes on all 4-inch wells.	Complete	August to September 2005	Larger screen openings are less likely to be fouled by biological growth and will improve well efficiency.
Reconfigure the 2-inch wells to extract from the south and inject in the former extraction wells.	Complete	September 2005	This takes advantage of the natural hydraulic gradient at the site to aid lactate dispersion within the aquifer. Increases the flow into the injection well by only having one injection well per extraction well. Anaerobic water around former injection wells will result in less biofouling at new injection wells.

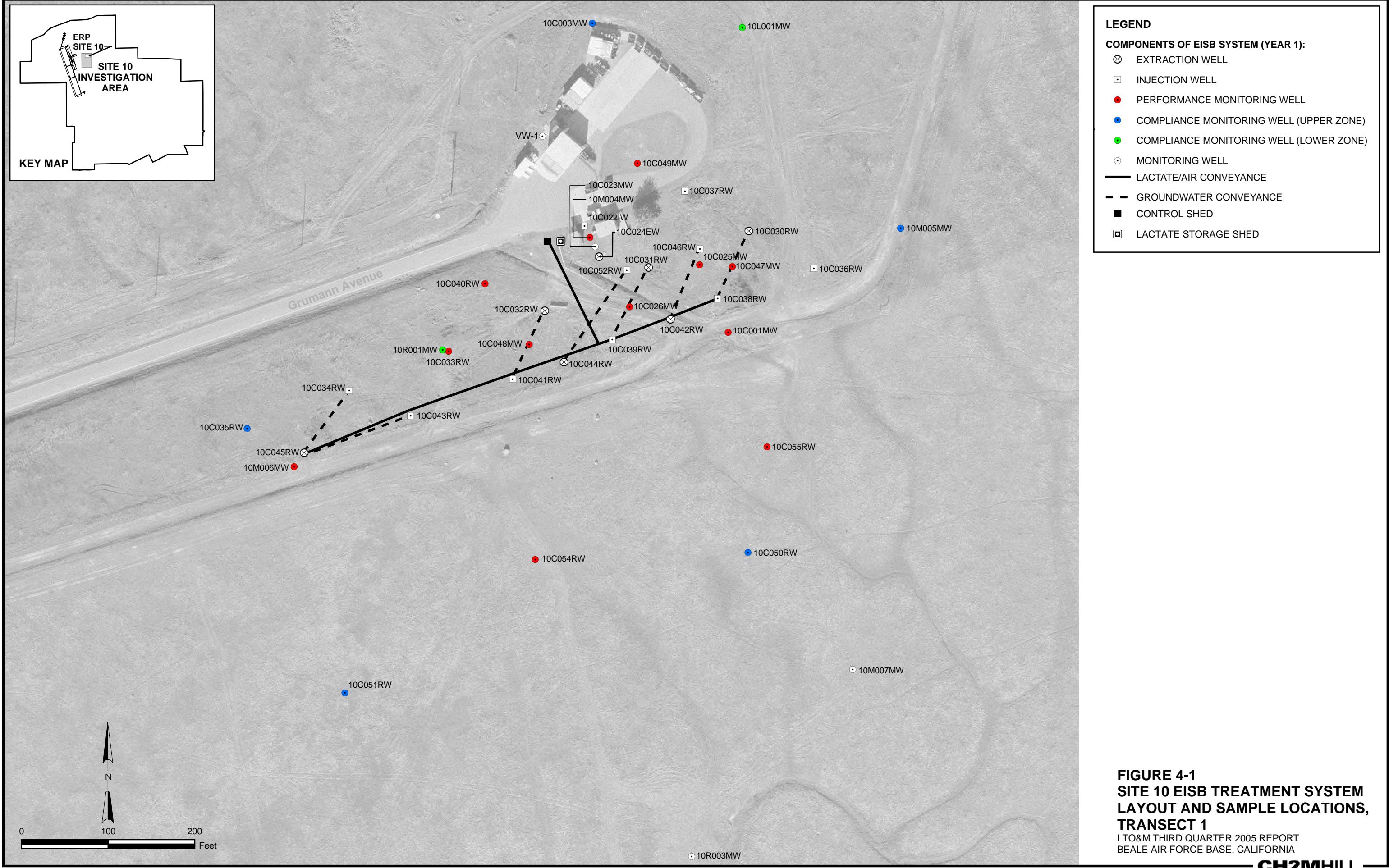
TABLE 4-6

ERP Site 10 EISB Treatment System – RPO Evaluation and Recommendations

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California

Activity	Status	Date	Comment
Dose injection wells with citric acid once each month.	Ongoing		This preventive measure for biofouling in injection wells will be implemented upon restart of Transect 1 of the EISB system.
Perform bimonthly preventive citric acid injections immediately following the injection of lactate.	Ongoing		This biofouling control measure will be utilized upon resumption of lactate injection.
Replace bag filters at extraction wells with cartridge filters at injection wells.	Complete	September 2005	Biofilm buildup has been noted within the water recirculation lines. Installing cartridge filters immediately upstream of the injection wells will remove solids from the injected water.
A combined bromide and lactate tracer test will be performed at the startup of the new 4-inch extraction/injection wells.	Complete	October to November 2005	Tracer test data supported modeling predictions for hydraulics and the transport of sodium lactate in the aquifer. The tracer test also confirmed that the monitoring well for the recirculating loop is hydraulically connected to the injection well.
Planned RPO Actions			
Convert injection wells 10C037RW and 10C036RW to performance monitoring wells.	Ongoing	Fourth quarter 2005	The specific capacity of these wells has been low, making the wells more susceptible to biofouling. Removing these wells from the injection circuit will increase flow rates to the wells with higher specific capacities and improve lactate dispersion throughout the aquifer.
Upgrade backpressure valves at lactate injection points.	Ongoing	Fourth quarter 2005	The existing backpressure valves have not been effective in preventing lactate from seeping into the recirculation lines when the lactate metering pumps are off. This can result in biofouling of the injection wells.
Install constant pressure tanks on all extraction-injection recirculation circuits.	Ongoing	Fourth quarter 2005	Between pulses, pneumatic pumps may be exposed to suction created by water falling down the injection well drop pipes. This suction can pull air from the extraction pump and produce air bubbles within the recirculating water. Air bubbles in the recirculation water can lower the specific capacity of the injection wells and promote excessive biological growth. Constant pressure tanks will maintain water flow between pump pulses and prevent suction from developing within the injection well drop pipe.
Continue to evaluate and refine lactate injection schedule.	Ongoing	Fourth quarter 2005	Establish a lactate injection schedule that will maximize the quantity of lactate injected while minimizing the occurrence of biofouling.

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SECTION 5.0

Site 13 Groundwater Treatment System

Section 5.0 provides a summary of the Site 13 GTS and includes the following information:

- System background and site description
- System operation and monitoring data collected and maintenance activities conducted during third quarter 2005
- RPO actions
- Site plan presenting the GTS layout

Table 5-1 summarizes historical information and selected current operating data regarding the GTS. Laboratory analyses performed on groundwater samples are provided in Appendix A.

TABLE 5-1
ERP Site 13 GTS System Summary
LTO&M Third Quarter 2005 Report, Beale Air Force Base, California

Parameter	Summary Description
System location	Southwestern portion of Beale AFB (Landfill No. 1) (see Figure 5-1).
Source of contamination	Site 13 Landfill No. 1.
Contaminants of concern	Petroleum hydrocarbons and chlorinated VOCs, primarily TCE and 1,1,2,2-TCECA.
Depth to groundwater (approximate range)	40 to 59 feet bgs.
System history	<ul style="list-style-type: none">• 1942 to 1948: Area used for disposal by U.S. Army.• 1948 to mid-1950s: Area now referred to as Landfill No. 1, used for disposal of clarifier skimmings by U.S. Air Force.• 1981: Phase I Records Search by Engineering-Science, Inc., identifying Site 13.• 1985 to 1987: Geophysical survey and groundwater and surface water sampling by AeroVironment.• 1998 to 1990: Groundwater and surface water sampling, soil borings, soil samples, aquifer test, and geophysical investigation by CH2M HILL.• 1991: Groundwater sampling by Engineering-Science, Inc.• 1992: Interviews with Beale AFB personnel. Soil and groundwater sampling by LAW.• 1994: HydroPunch® groundwater sampling in offbase area by Harding Lawson, identifying offbase contamination.• 1993 to 1995: Geophysical survey, soil vapor survey, exploratory test pits, soil boring/HydroPunch® sampling, deep stratigraphic borings, and groundwater sampling by LAW.• 1994: Installation of a Groundwater Treatability Test System (GTTS) by LAW.• 1996: Removal of 7,200 tons of soil and debris from the M-5 ointment-tube disposal cell by Laguna Construction Company/Metcalf & Eddy.• July to August 1997: OHM Remediation Services Corporation expanded GTTS by installing four new extraction wells, and converting three monitoring wells to extraction wells.

TABLE 5-1
ERP Site 13 GTS System Summary
LTO&M Third Quarter 2005 Report, Beale Air Force Base, California

Parameter	Summary Description
	<ul style="list-style-type: none"> December 1997: LAW expanded GTTS by converting two monitoring wells to extraction wells. May 1999: GTTS shut down because of pipe break at Hutchinson Creek crossing. September to December 1999: CH2M HILL expanded GTTS with two new extraction wells, additional air stripper, and new booster pump. March 2000: GTTS restarted. June 2000: Leak discovered at 13L027MW. Spill samples were collected, piping was repaired, and extraction well restarted. Fall 2000: Six monitoring wells and two piezometers were installed at Site 13. Summer 2001: One monitoring well and one piezometer were installed at Site 13. December 2003: The GTTS discharge line was modified (valved tee) to allow discharge to a drainage swale that leads either directly to Hutchinson Creek or the aeration pond. This valve has been locked in the position that directs treated water to the aeration pond. August 2004: Work began on construction project to place a soil cover on the former landfill (Landfill No. 1) and upgrade the GTTS controls. GTTS renamed to groundwater treatment system (GTS). January 2005: Controls upgrades on the GTS were completed and the system resumed operations following construction activities.
System components	Eighty-eight wells, 12 of which are currently being used as extraction wells, piping, pumps, control panel, control house, and two air strippers.
Depth of well screen intervals (range)	67 to 265 feet bgs.
Mass removal	Total from startup: 534 pounds TCE. Total for 2005: 41 pounds TCE.

5.1 ERP Site 13 Landfill No. 1 GTS

ERP Site 13 Landfill No. 1 is an inactive landfill, located in the southwestern portion of Beale AFB. The landfill area encompasses approximately 7 acres bounded by open fields and grazing land to the north, south, and west, and sludge drying beds adjacent to the wastewater treatment plant to the east (see Figure 5-1). A complete summary of the history and investigation of Site 13 was presented in the *Site 13 Remedial Investigation* (CH2M HILL, 2001).

The objective of the GTS is to contain TCE-contaminated groundwater beneath Site 13 and property adjacent to Beale AFB. Twelve groundwater extraction wells and a treatment system are operating at Site 13 (see Figure 5-1).

In accordance with the requirements of the Regional Water Quality Control Board, the Site 13 GTS system operations data are reported quarterly.

5.2 Summary of System Operation and Monitoring Activities

5.2.1 System Operation Data

Table 5-2 presents extraction well flow rates, system flow rates, and system uptime. Table 5-3 presents weekly operating data. Table 5-4 presents the routine and nonroutine operation, monitoring, maintenance activities conducted during third quarter 2005, and the activities planned as part of ongoing operation and monitoring of the Site 13 GTS.

The third quarter 2005 system uptime was 80 percent, as calculated from the supervisory control and data acquisition (SCADA) logging software. The flow and hour totals contained in the logging software experienced a few resets during the quarter. Upon system shutdown or power failure the totalized values sometimes reset, possibly indicating a failed battery backup in the programmable logic controller.

5.2.2 System Monitoring Data

Monthly samples of the treatment system influent and effluent were collected in July, August, and September 2005. Table 5-5 presents a summary of detected results. During third quarter 2005, no compounds were detected in the effluent samples. Extraction well sample results for 13C050EW and 13C051EW were omitted from the 2005 Semiannual Report because of an oversight and are included in Appendix A with complete validated data for July, August, and September 2005.

Table 5-6 summarizes contaminant mass removal for third quarter 2005. Approximately 12.5 pounds of TCE and 14.3 pounds of total VOCs were removed by the GTS during third quarter 2005. Since system startup in November 1994, approximately 534 pounds of TCE have been removed from groundwater by the GTS. Samples of the treatment system influent and effluent will continue to be collected monthly to monitor performance of the GTS. Figure 5-2 presents the cumulative mass of TCE removed over the life of the project.

5.3 Remedial Process Optimization Actions for Site 13 GTS

Table 5-7 presents a summary of previously planned RPO actions and actions planned for future completion for the Site 13 GTS.

TABLE 5-2

ERP Site 13 GTS, Extraction Well Flow Rates, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California

Well	Flow at Beginning of Quarter ^a (gpm)	Flow at End of Quarter ^b (gpm)	Target Flow Rate (gpm)	Third Quarter Uptime (%)	Comments
13C001MW	20	20	20	74	
13C006MW	20	20	20	80	
13C011EW	50	50	50	86	
13L001EW	15	15	15	80	
13L004EW	10	10	10	80	
13L004MW	20	20	20	80	
13L005MW	20	20	20	76	
13L011MW	20	20	20	74	
13L027MW	20	21	20	80	
13O005EW	50	80	80	77	Totalizer for well 13O005EW replaced July 6, 2005.
13C050EW	25	25	25	80	Totalizer for well 13C050EW replaced July 1, 2005 prior to collection of weekly operating data.
13C051EW	19	--	25	66	Totalizer for well 13C051EW failed during third quarter 2005. Totalizer to be replaced during fourth quarter 2005.
Total	289	301	325	78	
GTS^c	306	305	325	80	At the beginning of the quarter, the difference between GTS and well totals was most likely caused by the 13O005EW totalizer failure.

^aMeasured on July 1, 2005.^bMeasured on September 29, 2005.^cTotal from magnetic flowmeter.

Note:

-- = no data collected; well nonoperational

TABLE 5-3

ERP Site 13 GTS, Summary of Weekly Operating Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California

Date	Time	System Status	System Hours ^a	Total Influent (gallons)	Comments
07/01/05	12:15 PM	On	1303.1	8,763,219	
07/08/05	6:50 AM	On	1382.7	10,056,814	
07/15/05	8:50 AM	On	1549.7	13,020,614	
07/22/05	8:47 AM	On	1716.3	16,284,714 ^b	
07/26/05	8:01 AM	On	1791.4	18,049,064 ^b	
08/01/05	4:00 PM	On	1867.7	19,431,764 ^b	
08/09/05	4:15 PM	On	2059.7	23,245,464 ^b	
08/19/05	12:38 PM	On	2299.7	27,949,114 ^b	
08/26/05	11:20 AM	On	2467.7	31,275,064 ^b	
09/02/05	--	Off	2559.1	--	System was off because of power outage. System remained off because of AS-21 wiring failure.
09/08/05	3:03 PM	On	2580.8	33,262,964 ^b	
09/16/05	2:37 PM	On	2736.9	36,264,614 ^b	
09/23/05	9:28 AM	On	2904.9	39,444,714 ^b	
09/29/05	8:57 AM	On	3037.3	41,924,414 ^b	

^aSystem hours as recorded at 23:45^bTotal influent gallons calculated from AS-20 and AS-21 flow meters. System influent meter experienced frequent resets causing a loss of flow data.

Note:

-- = no data collected

TABLE 5-4

ERP Site 13 GTS – Operation, Monitoring, and Maintenance Activities, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California

Description	Date	Planned Activity for Next Period	Comment
Routine Activity			
Conducted monthly monitoring of the GTS influent and effluent when the system was operating. Analyze all groundwater samples for VOCs using EPA Method SW8260B.	July 6, 2005, August 4, 2005, and September 8, 2005.	Conduct monthly monitoring of the GTS influent and effluent when the system is operating. Analyze all groundwater samples for VOCs using EPA Method SW8260B.	
Collected weekly operating data at the GTS.	Weekly data was collected 13 times during third quarter 2005.	Collect weekly operating data at the GTS.	On September 2, 2005, operating data was not collected because the system was down due to a wiring fault.
Performed system interlock testing.	September 15, 2005.	None.	System interlocks perform as intended.
Conducted semiannual monitoring of the GTS active extraction wells. Analyzed all groundwater samples for VOCs using EPA Method SW8260B.	Semianual	Conduct semiannual monitoring of the GTS active extraction wells late in fourth quarter 2005.	
Nonroutine Activity			
Diagnosed and repaired wiring short between the AS-21 blower and the AS-21 control panel.	September 1-8, 2005.	None.	The GTS was shutdown the evening of September 1 because of power outage. When attempting to restart the system, the AS-21 blower would not turn on. A wiring short was discovered and repaired.
Replaced totalizer on 13C050EW.	July 1, 2005.	None.	Recommended in <i>LTO&M Second Quarter 2005 Report</i> (CH2M HILL, 2005c).
Replaced totalizer on 13O005EW.	July 6, 2005.	None.	Flow rate before and after the replacement was 38 and 85 gpm, respectively, indicating the totalizer was under-reporting flow rate. Recommended in <i>LTO&M Second Quarter 2005 Report</i> (CH2M HILL, 2005c).
Replaced low-pressure tubing on AS-20 Magnehelic® gauge.	July 6, 2005.	None.	
Replaced belts on AS-21 blower.	August 29, 2005.	Replace as needed.	

TABLE 5-5

ERP Site 13 GTS, Summary of Detected Compounds at the Treatment System, Third Quarter 2005
LTO&M Third Quarter 2005 Report, Beale Air Force Base, California

Date	Sample Location	Analyte	Result ($\mu\text{g/L}$)
07/06/2005	Combined influent	1,1,2-TCA	0.59 F
		Chloroform	0.21 F
		cis-1,2-DCE	4.25
		PCE	0.81 F
		TCE	45.9
		trans-1,2-DCE	1.16
08/04/2005	Combined effluent	No analytes detected	
		1,1,2-TCA	0.54 F
		Chloroform	0.22 F
		cis-1,2-DCE	4.56
		PCE	0.85 F
		TCE	50.5
09/08/2005	Combined effluent	No analytes detected	
		1,1,2-TCA	0.47 F
		Chloroform	0.15 F
		cis-1,2-DCE	2.72
		PCE	0.57 F
		TCE	36.1
	Combined effluent	No analytes detected	
		trans-1,2-DCE	0.81 F
		No analytes detected	

Note:

F = The analyte was positively identified, but the associated numerical value is at or below the reporting limit.

PCE = tetrachloroethylene

TCA = trichloroethane

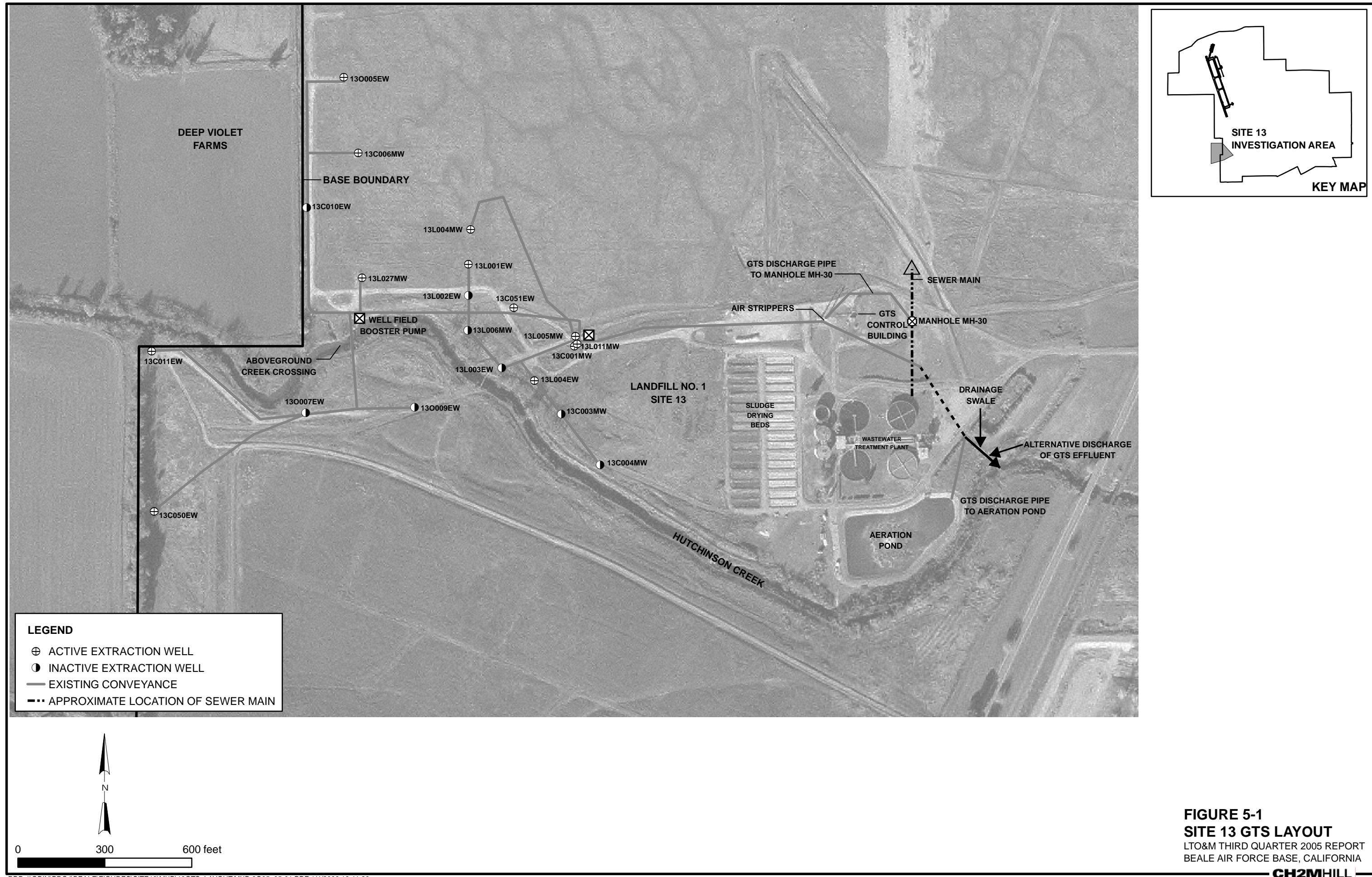
TABLE 5-6

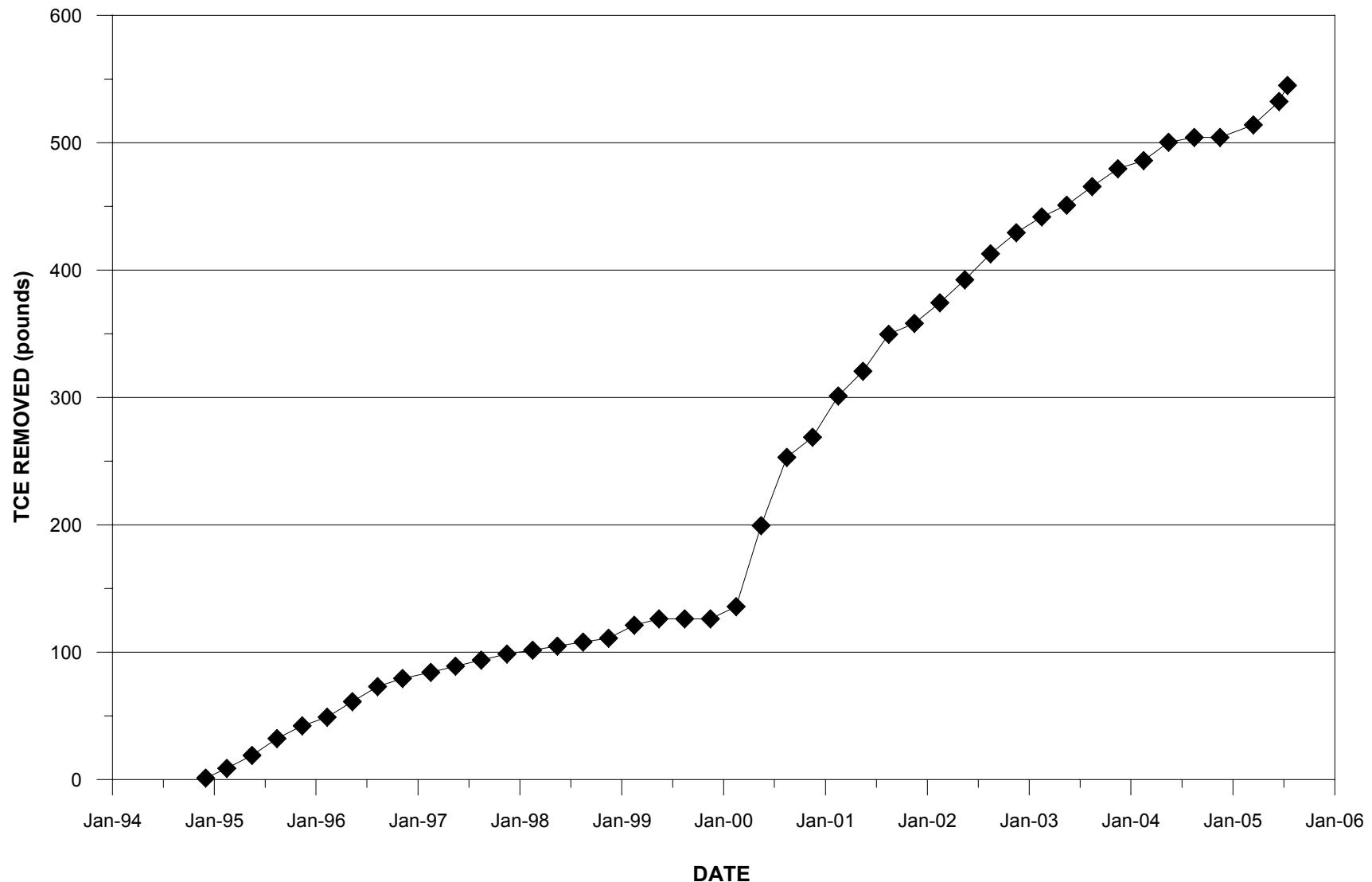
ERP Site 13 GTS – Summary of 2005 Monitoring Data, Third Quarter 2005
LTO&M Third Quarter 2005 Report, Beale Air Force Base, California

Parameter	Third Quarter 2005
Total flow rate (range in gpm)	289 to 301
Total VOC concentration in extracted groundwater ($\mu\text{g/L}$)	41 to 58
Hours operated	1782
Percent uptime	80
Estimated VOC mass extracted (pounds)	14.3
Estimated TCE mass extracted (pounds)	12.5

TABLE 5-7
ERP Site 13 GTS – Optimization and Recommendations, Third Quarter 2005
LTO&M Third Quarter 2005 Report, Beale Air Force Base, California

Previously Planned RPO Actions			
Activity	Status	Date	Comment
Upgrade the GTS Autodialer for improved performance.		August 4, 2005	SCADALarm™ software upgraded.
Planned RPO Actions			
Perform various activities to determine cause of magnetic flow meter resets.	Fourth quarter 2005		After the cause is determined, the condition will be corrected.
Evaluate GTS for treatment of groundwater monitoring purge water from other sites.	Fourth quarter 2005		
In-situ treatability study at Site 13.	Fourth quarter 2005		Install injection and monitoring wells to inject lactate into the aquifer approximately 75 feet southeast of 13L011MW. The treatability study will monitor enhanced reductive dechlorination in the source area at Site 13.





NOTE: CUMULATIVE TCE REMOVED IS COMPILED FROM PAST OPERATIONS REPORTS.

FIGURE 5-2
CUMULATIVE TCE MASS REMOVED
SITE 13 GTS
LTO&M THIRD QUARTER 2005 REPORT
BEALE AIR FORCE BASE, CALIFORNIA

SECTION 6.0

Works Cited

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CH2M HILL. 1999. *Site 8 Field Work Summary Report*. November.

Law Environmental, Inc. (LAW). 1996. *Site Characterization Summary Informal Technical Information Report for Site 8, J-57 Test Cell, Revision 1.0, Beale Air Force Base, California*.

Appendix A

Validated Analytical Data

**GTS Validated Analytical Data
Influent and Effluent – Third Quarter 2005
13C050EW and 13C051EW – Second Quarter 2005**

APPENDIX A

Summary of Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California

Site	Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
GTS											
Site 13	Combined Influent	6/8/2005	SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	0.06	U	µg/L	0.5	0.06
			SW8260	1,1,1-TCA	71-55-6	N	0.08	U	µg/L	1	0.08
			SW8260	1,1,2,2-Tetrachloroethane	79-34-5	N	0.07	F	µg/L	0.5	0.06
			SW8260	1,1,2-TCA	79-00-5	N	0.75	F	µg/L	1	0.07
			SW8260	1,1-DCA	75-34-3	N	0.06	U	µg/L	1	0.06
			SW8260	1,1-DCE	75-35-4	N	0.07	U	µg/L	1	0.07
			SW8260	1,1-Dichloropropene	563-58-6	N	0.05	U	µg/L	1	0.05
			SW8260	1,2,3-Trichlorobenzene	87-61-6	N	0.09	U	µg/L	1	0.09
			SW8260	1,2,3-Trichloropropane	96-18-4	N	0.08	U	µg/L	1	0.08
			SW8260	1,2,4-Trichlorobenzene	120-82-1	N	0.06	U	µg/L	1	0.06
			SW8260	1,2,4-Trimethylbenzene	95-63-6	N	0.05	U	µg/L	1	0.05
			SW8260	1,2-DCA	107-06-2	N	0.09	U	µg/L	0.5	0.09
			SW8260	1,2-DCB	95-50-1	N	0.06	U	µg/L	1	0.06
			SW8260	1,2-Dibromo-3-chloropropane	96-12-8	N	0.12	U	µg/L	2	0.12
			SW8260	1,2-Dichloropropane	78-87-5	N	0.04	U	µg/L	1	0.04
			SW8260	1,2-EDB	106-93-4	N	0.07	U	µg/L	1	0.07
			SW8260	1,3,5-Trimethylbenzene	108-67-8	N	0.06	U	µg/L	1	0.06
			SW8260	1,3-DCB	541-73-1	N	0.06	U	µg/L	1	0.06
			SW8260	1,3-Dichloropropane	142-28-9	N	0.05	U	µg/L	0.4	0.05
			SW8260	1,4-DCB	106-46-7	N	0.07	U	µg/L	0.5	0.07
			SW8260	1-Chlorohexane	544-10-5	N	0.06	U	µg/L	1	0.06
			SW8260	2,2-Dichloropropane	594-20-7	N	0.09	U	µg/L	1	0.09
			SW8260	2-Chlorotoluene	95-49-8	N	0.06	U	µg/L	1	0.06
			SW8260	4-Chlorotoluene	106-43-4	N	0.06	U	µg/L	1	0.06
			SW8260	Acetone	67-64-1	N	0.5	U	µg/L	10	0.5
			SW8260	Benzene	71-43-2	N	0.06	U	µg/L	0.4	0.06
			SW8260	Bromobenzene	108-86-1	N	0.07	U	µg/L	1	0.07
			SW8260	Bromochloromethane	74-97-5	N	0.09	U	µg/L	1	0.09
			SW8260	Bromodichloromethane	75-27-4	N	0.07	U	µg/L	0.5	0.07
			SW8260	Bromoform	75-25-2	N	0.08	U	µg/L	1	0.08
			SW8260	Bromomethane	74-83-9	N	0.1	U	µg/L	3	0.1
			SW8260	Carbon Tetrachloride	56-23-5	N	0.06	U	µg/L	1	0.06
			SW8260	Chlorobenzene	108-90-7	N	0.07	U	µg/L	0.5	0.07
			SW8260	Chloroethane	75-00-3	N	0.03	U	µg/L	1	0.03

APPENDIX A

Summary of Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California

Site	Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
GTS											
Site 13	Combined Influent	6/8/2005	SW8260	Chloroform	67-66-3	N	0.21	F	µg/L	0.3	0.09
			SW8260	Chloromethane	74-87-3	N	0.04	U	µg/L	1	0.04
			SW8260	cis-1,2-DCE	156-59-2	N	4.32		µg/L	1	0.06
			SW8260	cis-1,3-Dichloropropene	10061-01-5	N	0.07	U	µg/L	0.5	0.07
			SW8260	Dibromochloromethane	124-48-1	N	0.03	U	µg/L	0.5	0.03
			SW8260	Dibromomethane	74-95-3	N	0.09	U	µg/L	1	0.09
			SW8260	Dichlorodifluoromethane	75-71-8	N	0.05	U	µg/L	1	0.05
			SW8260	Ethylbenzene	100-41-4	N	0.06	U	µg/L	1	0.06
			SW8260	Hexachlorobutadiene	87-68-3	N	0.07	U	µg/L	0.6	0.07
			SW8260	Isopropylbenzene	98-82-8	N	0.05	U	µg/L	1	0.05
			SW8260	m,p-Xylene	108-38-3/1	N	0.1	U	µg/L	2	0.1
			SW8260	MEK (2-Butanone)	78-93-3	N	0.3	U	µg/L	10	0.3
			SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	0.06	U	µg/L	5	0.06
			SW8260	Methylene Chloride	75-09-2	N	0.07	U	µg/L	1	0.07
			SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	0.2	U	µg/L	10	0.2
			SW8260	Naphthalene	91-20-3	N	0.07	U	µg/L	1	0.07
			SW8260	n-Butylbenzene	104-51-8	N	0.06	U	µg/L	1	0.06
			SW8260	n-Propylbenzene	103-65-1	N	0.05	U	µg/L	1	0.05
			SW8260	o-Xylene	95-47-6	N	0.06	U	µg/L	1	0.06
			SW8260	p-Isopropyltoluene	99-87-6	N	0.04	U	µg/L	1	0.04
			SW8260	sec-Butylbenzene	135-98-8	N	0.06	U	µg/L	1	0.06
			SW8260	Styrene	100-42-5	N	0.05	U	µg/L	1	0.05
			SW8260	TCE	79-01-6	N	48.6		µg/L	1	0.07
			SW8260	Tert-Butylbenzene	98-06-6	N	0.06	U	µg/L	1	0.06
			SW8260	Tetrachloroethylene	127-18-4	N	0.79	F	µg/L	1	0.08
			SW8260	Toluene	108-88-3	N	0.06	U	µg/L	1	0.06
			SW8260	trans-1,2-DCE	156-60-5	N	1.2		µg/L	1	0.07
			SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.05	U	µg/L	1	0.05
			SW8260	Trichlorofluoromethane	75-69-4	N	0.06	U	µg/L	1	0.06
			SW8260	Vinyl Chloride	75-01-4	N	0.09	U	µg/L	1	0.09
		7/6/2005	SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	0.09	U	µg/L	0.5	0.09
			SW8260	1,1,1-TCA	71-55-6	N	0.11	U	µg/L	1	0.11
			SW8260	1,1,2,2-Tetrachloroethane	79-34-5	N	0.11	U	µg/L	0.5	0.11
			SW8260	1,1,2-TCA	79-00-5	N	0.59	F	µg/L	1	0.14

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Summary of Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California

Site	Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
GTS											
Site 13	Combined Influent	7/6/2005	SW8260	1,1-DCA	75-34-3	N	0.13	U	µg/L	1	0.13
			SW8260	1,1-DCE	75-35-4	N	0.13	U	µg/L	1	0.13
			SW8260	1,1-Dichloropropene	563-58-6	N	0.07	U	µg/L	1	0.07
			SW8260	1,2,3-Trichlorobenzene	87-61-6	N	0.07	U	µg/L	1	0.07
			SW8260	1,2,3-Trichloropropane	96-18-4	N	0.11	U	µg/L	1	0.11
			SW8260	1,2,4-Trichlorobenzene	120-82-1	N	0.08	U	µg/L	1	0.08
			SW8260	1,2,4-Trimethylbenzene	95-63-6	N	0.07	U	µg/L	1	0.07
			SW8260	1,2-DCA	107-06-2	N	0.1	U	µg/L	0.5	0.1
			SW8260	1,2-DCB	95-50-1	N	0.11	U	µg/L	1	0.11
			SW8260	1,2-Dibromo-3-chloropropane	96-12-8	N	0.12	U	µg/L	2	0.12
			SW8260	1,2-Dichloropropane	78-87-5	N	0.12	U	µg/L	1	0.12
			SW8260	1,2-EDB	106-93-4	N	0.09	U	µg/L	1	0.09
			SW8260	1,3,5-Trimethylbenzene	108-67-8	N	0.08	U	µg/L	1	0.08
			SW8260	1,3-DCB	541-73-1	N	0.1	U	µg/L	1	0.1
			SW8260	1,3-Dichloropropane	142-28-9	N	0.09	U	µg/L	0.4	0.09
			SW8260	1,4-DCB	106-46-7	N	0.13	U	µg/L	0.5	0.13
			SW8260	1-Chlorohexane	544-10-5	N	0.06	U	µg/L	1	0.06
			SW8260	2,2-Dichloropropane	594-20-7	N	0.12	U	µg/L	1	0.12
			SW8260	2-Chlorotoluene	95-49-8	N	0.08	U	µg/L	1	0.08
			SW8260	4-Chlorotoluene	106-43-4	N	0.07	U	µg/L	1	0.07
			SW8260	Acetone	67-64-1	N	0.6	U	µg/L	10	0.6
			SW8260	Benzene	71-43-2	N	0.07	U	µg/L	0.4	0.07
			SW8260	Bromobenzene	108-86-1	N	0.11	U	µg/L	1	0.11
			SW8260	Bromochloromethane	74-97-5	N	0.13	U	µg/L	1	0.13
			SW8260	Bromodichloromethane	75-27-4	N	0.12	U	µg/L	0.5	0.12
			SW8260	Bromoform	75-25-2	N	0.08	U	µg/L	1	0.08
			SW8260	Bromomethane	74-83-9	N	0.23	U	µg/L	3	0.23
			SW8260	Carbon Tetrachloride	56-23-5	N	0.08	U	µg/L	1	0.08
			SW8260	Chlorobenzene	108-90-7	N	0.12	U	µg/L	0.5	0.12
			SW8260	Chloroethane	75-00-3	N	0.2	U	µg/L	1	0.2
			SW8260	Chloroform	67-66-3	N	0.21	F	µg/L	0.3	0.13
			SW8260	Chloromethane	74-87-3	N	0.15	U	µg/L	1	0.15
			SW8260	cis-1,2-DCE	156-59-2	N	4.25		µg/L	1	0.1
			SW8260	cis-1,3-Dichloropropene	10061-01-5	N	0.1	U	µg/L	0.5	0.1

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Site	Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
GTS											
Site 13	Combined Influent	7/6/2005	SW8260	Dibromochloromethane	124-48-1	N	0.09	U	µg/L	0.5	0.09
			SW8260	Dibromomethane	74-95-3	N	0.11	U	µg/L	1	0.11
			SW8260	Dichlorodifluoromethane	75-71-8	N	0.13	U	µg/L	1	0.13
			SW8260	Ethylbenzene	100-41-4	N	0.08	U	µg/L	1	0.08
			SW8260	Hexachlorobutadiene	87-68-3	N	0.09	U	µg/L	0.6	0.09
			SW8260	Isopropylbenzene	98-82-8	N	0.08	U	µg/L	1	0.08
			SW8260	m,p-Xylene	108-38-3/1	N	0.14	U	µg/L	2	0.14
			SW8260	MEK (2-Butanone)	78-93-3	N	0.2	U	µg/L	10	0.2
			SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	0.15	U	µg/L	5	0.15
			SW8260	Methylene Chloride	75-09-2	N	0.2	U	µg/L	1	0.2
			SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	0.1	U	µg/L	10	0.1
			SW8260	Naphthalene	91-20-3	N	0.05	U	µg/L	1	0.05
			SW8260	n-Butylbenzene	104-51-8	N	0.09	U	µg/L	1	0.09
			SW8260	n-Propylbenzene	103-65-1	N	0.08	U	µg/L	1	0.08
			SW8260	o-Xylene	95-47-6	N	0.09	U	µg/L	1	0.09
			SW8260	p-Isopropyltoluene	99-87-6	N	0.09	U	µg/L	1	0.09
			SW8260	sec-Butylbenzene	135-98-8	N	0.07	U	µg/L	1	0.07
			SW8260	Styrene	100-42-5	N	0.08	U	µg/L	1	0.08
			SW8260	TCE	79-01-6	N	45.9		µg/L	1	0.1
			SW8260	Tert-Butylbenzene	98-06-6	N	0.07	U	µg/L	1	0.07
			SW8260	Tetrachloroethylene	127-18-4	N	0.81	F	µg/L	1	0.07
			SW8260	Toluene	108-88-3	N	0.08	U	µg/L	1	0.08
			SW8260	trans-1,2-DCE	156-60-5	N	1.16		µg/L	1	0.09
			SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.07	U	µg/L	1	0.07
			SW8260	Trichlorofluoromethane	75-69-4	N	0.17	U	µg/L	1	0.17
			SW8260	Vinyl Chloride	75-01-4	N	0.21	U	µg/L	1	0.21
		8/4/2005	SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	0.09	U	µg/L	0.5	0.09
			SW8260	1,1,1-TCA	71-55-6	N	0.11	U	µg/L	1	0.11
			SW8260	1,1,2,2-Tetrachloroethane	79-34-5	N	0.11	U	µg/L	0.5	0.11
			SW8260	1,1,2-TCA	79-00-5	N	0.54	F	µg/L	1	0.14
			SW8260	1,1-DCA	75-34-3	N	0.13	U	µg/L	1	0.13
			SW8260	1,1-DCE	75-35-4	N	0.13	U	µg/L	1	0.13
			SW8260	1,1-Dichloropropene	563-58-6	N	0.07	U	µg/L	1	0.07
			SW8260	1,2,3-Trichlorobenzene	87-61-6	N	0.07	U	µg/L	1	0.07

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Summary of Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California

Site	Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
GTS											
Site 13	Combined Influent	8/4/2005	SW8260	1,2,3-Trichloropropane	96-18-4	N	0.11	U	µg/L	1	0.11
			SW8260	1,2,4-Trichlorobenzene	120-82-1	N	0.08	U	µg/L	1	0.08
			SW8260	1,2,4-Trimethylbenzene	95-63-6	N	0.07	U	µg/L	1	0.07
			SW8260	1,2-DCA	107-06-2	N	0.1	U	µg/L	0.5	0.1
			SW8260	1,2-DCB	95-50-1	N	0.11	U	µg/L	1	0.11
			SW8260	1,2-Dibromo-3-chloropropane	96-12-8	N	0.12	U	µg/L	2	0.12
			SW8260	1,2-Dichloropropane	78-87-5	N	0.12	U	µg/L	1	0.12
			SW8260	1,2-EDB	106-93-4	N	0.09	U	µg/L	1	0.09
			SW8260	1,3,5-Trimethylbenzene	108-67-8	N	0.08	U	µg/L	1	0.08
			SW8260	1,3-DCB	541-73-1	N	0.1	U	µg/L	1	0.1
			SW8260	1,3-Dichloropropane	142-28-9	N	0.09	U	µg/L	0.4	0.09
			SW8260	1,4-DCB	106-46-7	N	0.13	U	µg/L	0.5	0.13
			SW8260	1-Chlorohexane	544-10-5	N	0.06	U	µg/L	1	0.06
			SW8260	2,2-Dichloropropane	594-20-7	N	0.12	U	µg/L	1	0.12
			SW8260	2-Chlorotoluene	95-49-8	N	0.08	U	µg/L	1	0.08
			SW8260	4-Chlorotoluene	106-43-4	N	0.07	U	µg/L	1	0.07
			SW8260	Acetone	67-64-1	N	0.6	U	µg/L	10	0.6
			SW8260	Benzene	71-43-2	N	0.07	U	µg/L	0.4	0.07
			SW8260	Bromobenzene	108-86-1	N	0.11	U	µg/L	1	0.11
			SW8260	Bromochloromethane	74-97-5	N	0.13	U	µg/L	1	0.13
			SW8260	Bromodichloromethane	75-27-4	N	0.12	U	µg/L	0.5	0.12
			SW8260	Bromoform	75-25-2	N	0.08	U	µg/L	1	0.08
			SW8260	Bromomethane	74-83-9	N	0.23	U	µg/L	3	0.23
			SW8260	Carbon Tetrachloride	56-23-5	N	0.08	U	µg/L	1	0.08
			SW8260	Chlorobenzene	108-90-7	N	0.12	U	µg/L	0.5	0.12
			SW8260	Chloroethane	75-00-3	N	0.2	U	µg/L	1	0.2
			SW8260	Chloroform	67-66-3	N	0.22	F	µg/L	0.3	0.13
			SW8260	Chloromethane	74-87-3	N	0.15	U	µg/L	1	0.15
			SW8260	cis-1,2-DCE	156-59-2	N	4.56		µg/L	1	0.1
			SW8260	cis-1,3-Dichloropropene	10061-01-5	N	0.1	U	µg/L	0.5	0.1
			SW8260	Dibromochloromethane	124-48-1	N	0.09	U	µg/L	0.5	0.09
			SW8260	Dibromomethane	74-95-3	N	0.11	U	µg/L	1	0.11
			SW8260	Dichlorodifluoromethane	75-71-8	N	0.13	U	µg/L	1	0.13
			SW8260	Ethylbenzene	100-41-4	N	0.08	U	µg/L	1	0.08

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LTO&M Third Quarter 2005 Report, Beale Air Force Base, California

Site	Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
GTS											
Site 13	Combined Influent	8/4/2005	SW8260	Hexachlorobutadiene	87-68-3	N	0.09	U	µg/L	0.6	0.09
			SW8260	Isopropylbenzene	98-82-8	N	0.08	U	µg/L	1	0.08
			SW8260	m,p-Xylene	108-38-3/1	N	0.14	U	µg/L	2	0.14
			SW8260	MEK (2-Butanone)	78-93-3	N	0.2	U	µg/L	10	0.2
			SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	0.15	U	µg/L	5	0.15
			SW8260	Methylene Chloride	75-09-2	N	0.2	U	µg/L	1	0.2
			SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	0.1	U	µg/L	10	0.1
			SW8260	Naphthalene	91-20-3	N	0.05	U	µg/L	1	0.05
			SW8260	n-Butylbenzene	104-51-8	N	0.09	U	µg/L	1	0.09
			SW8260	n-Propylbenzene	103-65-1	N	0.08	U	µg/L	1	0.08
			SW8260	o-Xylene	95-47-6	N	0.09	U	µg/L	1	0.09
			SW8260	p-Isopropyltoluene	99-87-6	N	0.09	U	µg/L	1	0.09
			SW8260	sec-Butylbenzene	135-98-8	N	0.07	U	µg/L	1	0.07
			SW8260	Styrene	100-42-5	N	0.08	U	µg/L	1	0.08
			SW8260	TCE	79-01-6	N	50.5		µg/L	1	0.1
			SW8260	Tert-Butylbenzene	98-06-6	N	0.07	U	µg/L	1	0.07
			SW8260	Tetrachloroethylene	127-18-4	N	0.85	F	µg/L	1	0.07
			SW8260	Toluene	108-88-3	N	0.08	U	µg/L	1	0.08
			SW8260	trans-1,2-DCE	156-60-5	N	1.35		µg/L	1	0.09
			SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.07	U	µg/L	1	0.07
			SW8260	Trichlorofluoromethane	75-69-4	N	0.17	U	µg/L	1	0.17
			SW8260	Vinyl Chloride	75-01-4	N	0.21	U	µg/L	1	0.21
		9/8/2005	SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	0.06	U	µg/L	0.5	0.06
			SW8260	1,1,1-TCA	71-55-6	N	0.08	U	µg/L	1	0.08
			SW8260	1,1,2,2-Tetrachloroethane	79-34-5	N	0.06	U	µg/L	0.5	0.06
			SW8260	1,1,2-TCA	79-00-5	N	0.47	F	µg/L	1	0.07
			SW8260	1,1-DCA	75-34-3	N	0.06	U	µg/L	1	0.06
			SW8260	1,1-DCE	75-35-4	N	0.07	U	µg/L	1	0.07
			SW8260	1,1-Dichloropropene	563-58-6	N	0.05	U	µg/L	1	0.05
			SW8260	1,2,3-Trichlorobenzene	87-61-6	N	0.09	U	µg/L	1	0.09
			SW8260	1,2,3-Trichloropropane	96-18-4	N	0.08	U	µg/L	1	0.08
			SW8260	1,2,4-Trichlorobenzene	120-82-1	N	0.06	U	µg/L	1	0.06
			SW8260	1,2,4-Trimethylbenzene	95-63-6	N	0.05	U	µg/L	1	0.05
			SW8260	1,2-DCA	107-06-2	N	0.09	U	µg/L	0.5	0.09

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Site	Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
GTS											
Site 13	Combined Influent	9/8/2005	SW8260	1,2-DCB	95-50-1	N	0.06	U	µg/L	1	0.06
			SW8260	1,2-Dibromo-3-chloropropane	96-12-8	N	0.12	U	µg/L	2	0.12
			SW8260	1,2-Dichloropropane	78-87-5	N	0.04	U	µg/L	1	0.04
			SW8260	1,2-EDB	106-93-4	N	0.07	U	µg/L	1	0.07
			SW8260	1,3,5-Trimethylbenzene	108-67-8	N	0.06	U	µg/L	1	0.06
			SW8260	1,3-DCB	541-73-1	N	0.06	U	µg/L	1	0.06
			SW8260	1,3-Dichloropropane	142-28-9	N	0.05	U	µg/L	0.4	0.05
			SW8260	1,4-DCB	106-46-7	N	0.07	U	µg/L	0.5	0.07
			SW8260	1-Chlorohexane	544-10-5	N	0.06	U	µg/L	1	0.06
			SW8260	2,2-Dichloropropane	594-20-7	N	0.09	U	µg/L	1	0.09
			SW8260	2-Chlorotoluene	95-49-8	N	0.06	U	µg/L	1	0.06
			SW8260	4-Chlorotoluene	106-43-4	N	0.06	U	µg/L	1	0.06
			SW8260	Acetone	67-64-1	N	0.5	U	µg/L	10	0.5
			SW8260	Benzene	71-43-2	N	0.06	U	µg/L	0.4	0.06
			SW8260	Bromobenzene	108-86-1	N	0.07	U	µg/L	1	0.07
			SW8260	Bromochloromethane	74-97-5	N	0.09	U	µg/L	1	0.09
			SW8260	Bromodichloromethane	75-27-4	N	0.07	U	µg/L	0.5	0.07
			SW8260	Bromoform	75-25-2	N	0.08	U	µg/L	1	0.08
			SW8260	Bromomethane	74-83-9	N	0.1	U	µg/L	3	0.1
			SW8260	Carbon Tetrachloride	56-23-5	N	0.06	U	µg/L	1	0.06
			SW8260	Chlorobenzene	108-90-7	N	0.07	U	µg/L	0.5	0.07
			SW8260	Chloroethane	75-00-3	N	0.03	U	µg/L	1	0.03
			SW8260	Chloroform	67-66-3	N	0.15	F	µg/L	0.3	0.09
			SW8260	Chloromethane	74-87-3	N	0.04	U	µg/L	1	0.04
			SW8260	cis-1,2-DCE	156-59-2	N	2.72		µg/L	1	0.06
			SW8260	cis-1,3-Dichloropropene	10061-01-5	N	0.07	U	µg/L	0.5	0.07
			SW8260	Dibromochloromethane	124-48-1	N	0.03	U	µg/L	0.5	0.03
			SW8260	Dibromomethane	74-95-3	N	0.09	U	µg/L	1	0.09
			SW8260	Dichlorodifluoromethane	75-71-8	N	0.05	U	µg/L	1	0.05
			SW8260	Ethylbenzene	100-41-4	N	0.06	U	µg/L	1	0.06
			SW8260	Hexachlorobutadiene	87-68-3	N	0.07	U	µg/L	0.6	0.07
			SW8260	Isopropylbenzene	98-82-8	N	0.05	U	µg/L	1	0.05
			SW8260	m,p-Xylene	108-38-3/1	N	0.1	U	µg/L	2	0.1
			SW8260	MEK (2-Butanone)	78-93-3	N	0.3	U	µg/L	10	0.3

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Site	Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
GTS											
Site 13	Combined Influent	9/8/2005	SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	0.06	U	µg/L	5	0.06
			SW8260	Methylene Chloride	75-09-2	N	0.07	U	µg/L	1	0.07
			SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	0.2	U	µg/L	10	0.2
			SW8260	Naphthalene	91-20-3	N	0.07	U	µg/L	1	0.07
			SW8260	n-Butylbenzene	104-51-8	N	0.06	U	µg/L	1	0.06
			SW8260	n-Propylbenzene	103-65-1	N	0.05	U	µg/L	1	0.05
			SW8260	o-Xylene	95-47-6	N	0.06	U	µg/L	1	0.06
			SW8260	p-Isopropyltoluene	99-87-6	N	0.04	U	µg/L	1	0.04
			SW8260	sec-Butylbenzene	135-98-8	N	0.06	U	µg/L	1	0.06
			SW8260	Styrene	100-42-5	N	0.05	U	µg/L	1	0.05
			SW8260	TCE	79-01-6	N	36.1		µg/L	1	0.07
			SW8260	Tert-Butylbenzene	98-06-6	N	0.06	U	µg/L	1	0.06
			SW8260	Tetrachloroethylene	127-18-4	N	0.57	F	µg/L	1	0.08
			SW8260	Toluene	108-88-3	N	0.06	U	µg/L	1	0.06
			SW8260	trans-1,2-DCE	156-60-5	N	0.81	F	µg/L	1	0.07
			SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.05	U	µg/L	1	0.05
			SW8260	Trichlorofluoromethane	75-69-4	N	0.06	U	µg/L	1	0.06
			SW8260	Vinyl Chloride	75-01-4	N	0.09	U	µg/L	1	0.09
	Combined Effluent	6/8/2005	SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	0.06	U	µg/L	0.5	0.06
			SW8260	1,1,1-TCA	71-55-6	N	0.08	U	µg/L	1	0.08
			SW8260	1,1,2,2-Tetrachloroethane	79-34-5	N	0.06	U	µg/L	0.5	0.06
			SW8260	1,1,2-TCA	79-00-5	N	0.08	F	µg/L	1	0.07
			SW8260	1,1-DCA	75-34-3	N	0.06	U	µg/L	1	0.06
			SW8260	1,1-DCE	75-35-4	N	0.07	U	µg/L	1	0.07
			SW8260	1,1-Dichloropropene	563-58-6	N	0.05	U	µg/L	1	0.05
			SW8260	1,2,3-Trichlorobenzene	87-61-6	N	0.09	U	µg/L	1	0.09
			SW8260	1,2,3-Trichloropropane	96-18-4	N	0.08	U	µg/L	1	0.08
			SW8260	1,2,4-Trichlorobenzene	120-82-1	N	0.06	U	µg/L	1	0.06
			SW8260	1,2,4-Trimethylbenzene	95-63-6	N	0.05	U	µg/L	1	0.05
			SW8260	1,2-DCA	107-06-2	N	0.09	U	µg/L	0.5	0.09
			SW8260	1,2-DCB	95-50-1	N	0.06	U	µg/L	1	0.06
			SW8260	1,2-Dibromo-3-chloropropane	96-12-8	N	0.12	U	µg/L	2	0.12
			SW8260	1,2-Dichloropropane	78-87-5	N	0.04	U	µg/L	1	0.04
			SW8260	1,2-EDB	106-93-4	N	0.07	U	µg/L	1	0.07

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Site	Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
GTS											
Site 13	Combined Effluent	6/8/2005	SW8260	1,3,5-Trimethylbenzene	108-67-8	N	0.06	U	µg/L	1	0.06
			SW8260	1,3-DCB	541-73-1	N	0.06	U	µg/L	1	0.06
			SW8260	1,3-Dichloropropane	142-28-9	N	0.05	U	µg/L	0.4	0.05
			SW8260	1,4-DCB	106-46-7	N	0.07	U	µg/L	0.5	0.07
			SW8260	1-Chlorohexane	544-10-5	N	0.06	U	µg/L	1	0.06
			SW8260	2,2-Dichloropropane	594-20-7	N	0.09	U	µg/L	1	0.09
			SW8260	2-Chlorotoluene	95-49-8	N	0.06	U	µg/L	1	0.06
			SW8260	4-Chlorotoluene	106-43-4	N	0.06	U	µg/L	1	0.06
			SW8260	Acetone	67-64-1	N	0.5	U	µg/L	10	0.5
			SW8260	Benzene	71-43-2	N	0.06	U	µg/L	0.4	0.06
			SW8260	Bromobenzene	108-86-1	N	0.07	U	µg/L	1	0.07
			SW8260	Bromochloromethane	74-97-5	N	0.09	U	µg/L	1	0.09
			SW8260	Bromodichloromethane	75-27-4	N	0.07	U	µg/L	0.5	0.07
			SW8260	Bromoform	75-25-2	N	0.08	U	µg/L	1	0.08
			SW8260	Bromomethane	74-83-9	N	0.1	U	µg/L	3	0.1
			SW8260	Carbon Tetrachloride	56-23-5	N	0.06	U	µg/L	1	0.06
			SW8260	Chlorobenzene	108-90-7	N	0.07	U	µg/L	0.5	0.07
			SW8260	Chloroethane	75-00-3	N	0.03	U	µg/L	1	0.03
			SW8260	Chloroform	67-66-3	N	0.09	U	µg/L	0.3	0.09
			SW8260	Chloromethane	74-87-3	N	0.04	U	µg/L	1	0.04
			SW8260	cis-1,2-DCE	156-59-2	N	0.06	U	µg/L	1	0.06
			SW8260	cis-1,3-Dichloropropene	10061-01-5	N	0.07	U	µg/L	0.5	0.07
			SW8260	Dibromochloromethane	124-48-1	N	0.03	U	µg/L	0.5	0.03
			SW8260	Dibromomethane	74-95-3	N	0.09	U	µg/L	1	0.09
			SW8260	Dichlorodifluoromethane	75-71-8	N	0.05	U	µg/L	1	0.05
			SW8260	Ethylbenzene	100-41-4	N	0.06	U	µg/L	1	0.06
			SW8260	Hexachlorobutadiene	87-68-3	N	0.07	U	µg/L	0.6	0.07
			SW8260	Isopropylbenzene	98-82-8	N	0.05	U	µg/L	1	0.05
			SW8260	m,p-Xylene	108-38-3/1	N	0.1	U	µg/L	2	0.1
			SW8260	MEK (2-Butanone)	78-93-3	N	0.3	U	µg/L	10	0.3
			SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	0.06	U	µg/L	5	0.06
			SW8260	Methylene Chloride	75-09-2	N	0.07	U	µg/L	1	0.07
			SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	0.2	U	µg/L	10	0.2
			SW8260	Naphthalene	91-20-3	N	0.07	U	µg/L	1	0.07

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Site	Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
GTS											
Site 13	Combined Effluent	6/8/2005	SW8260	n-Butylbenzene	104-51-8	N	0.06	U	µg/L	1	0.06
			SW8260	n-Propylbenzene	103-65-1	N	0.05	U	µg/L	1	0.05
			SW8260	o-Xylene	95-47-6	N	0.06	U	µg/L	1	0.06
			SW8260	p-Isopropyltoluene	99-87-6	N	0.04	U	µg/L	1	0.04
			SW8260	sec-Butylbenzene	135-98-8	N	0.06	U	µg/L	1	0.06
			SW8260	Styrene	100-42-5	N	0.05	U	µg/L	1	0.05
			SW8260	TCE	79-01-6	N	0.07	U	µg/L	1	0.07
			SW8260	Tert-Butylbenzene	98-06-6	N	0.06	U	µg/L	1	0.06
			SW8260	Tetrachloroethylene	127-18-4	N	0.08	U	µg/L	1	0.08
			SW8260	Toluene	108-88-3	N	0.06	U	µg/L	1	0.06
			SW8260	trans-1,2-DCE	156-60-5	N	0.07	U	µg/L	1	0.07
			SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.05	U	µg/L	1	0.05
			SW8260	Trichlorofluoromethane	75-69-4	N	0.06	U	µg/L	1	0.06
			SW8260	Vinyl Chloride	75-01-4	N	0.09	U	µg/L	1	0.09
		7/6/2005	SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	0.09	U	µg/L	0.5	0.09
			SW8260	1,1,1-TCA	71-55-6	N	0.11	U	µg/L	1	0.11
			SW8260	1,1,2,2-Tetrachloroethane	79-34-5	N	0.11	U	µg/L	0.5	0.11
			SW8260	1,1,2-TCA	79-00-5	N	0.14	U	µg/L	1	0.14
			SW8260	1,1-DCA	75-34-3	N	0.13	U	µg/L	1	0.13
			SW8260	1,1-DCE	75-35-4	N	0.13	U	µg/L	1	0.13
			SW8260	1,1-Dichloropropene	563-58-6	N	0.07	U	µg/L	1	0.07
			SW8260	1,2,3-Trichlorobenzene	87-61-6	N	0.07	U	µg/L	1	0.07
			SW8260	1,2,3-Trichloropropane	96-18-4	N	0.11	U	µg/L	1	0.11
			SW8260	1,2,4-Trichlorobenzene	120-82-1	N	0.08	U	µg/L	1	0.08
			SW8260	1,2,4-Trimethylbenzene	95-63-6	N	0.07	U	µg/L	1	0.07
			SW8260	1,2-DCA	107-06-2	N	0.1	U	µg/L	0.5	0.1
			SW8260	1,2-DCB	95-50-1	N	0.11	U	µg/L	1	0.11
			SW8260	1,2-Dibromo-3-chloropropane	96-12-8	N	0.12	U	µg/L	2	0.12
			SW8260	1,2-Dichloropropane	78-87-5	N	0.12	U	µg/L	1	0.12
			SW8260	1,2-EDB	106-93-4	N	0.09	U	µg/L	1	0.09
			SW8260	1,3,5-Trimethylbenzene	108-67-8	N	0.08	U	µg/L	1	0.08
			SW8260	1,3-DCB	541-73-1	N	0.1	U	µg/L	1	0.1
			SW8260	1,3-Dichloropropane	142-28-9	N	0.09	U	µg/L	0.4	0.09
			SW8260	1,4-DCB	106-46-7	N	0.13	U	µg/L	0.5	0.13

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Site	Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
GTS											
Site 13	Combined Effluent	7/6/2005	SW8260	1-Chlorohexane	544-10-5	N	0.06	U	µg/L	1	0.06
			SW8260	2,2-Dichloropropane	594-20-7	N	0.12	U	µg/L	1	0.12
			SW8260	2-Chlorotoluene	95-49-8	N	0.08	U	µg/L	1	0.08
			SW8260	4-Chlorotoluene	106-43-4	N	0.07	U	µg/L	1	0.07
			SW8260	Acetone	67-64-1	N	0.6	U	µg/L	10	0.6
			SW8260	Benzene	71-43-2	N	0.07	U	µg/L	0.4	0.07
			SW8260	Bromobenzene	108-86-1	N	0.11	U	µg/L	1	0.11
			SW8260	Bromoform	74-97-5	N	0.13	U	µg/L	1	0.13
			SW8260	Bromochloromethane	75-27-4	N	0.12	U	µg/L	0.5	0.12
			SW8260	Bromodichloromethane	75-25-2	N	0.08	U	µg/L	1	0.08
			SW8260	Bromoform	74-83-9	N	0.23	U	µg/L	3	0.23
			SW8260	Carbon Tetrachloride	56-23-5	N	0.08	U	µg/L	1	0.08
			SW8260	Chlorobenzene	108-90-7	N	0.12	U	µg/L	0.5	0.12
			SW8260	Chloroethane	75-00-3	N	0.2	U	µg/L	1	0.2
			SW8260	Chloroform	67-66-3	N	0.13	U	µg/L	0.3	0.13
			SW8260	Chloromethane	74-87-3	N	0.15	U	µg/L	1	0.15
			SW8260	cis-1,2-DCE	156-59-2	N	0.1	U	µg/L	1	0.1
			SW8260	cis-1,3-Dichloropropene	10061-01-5	N	0.1	U	µg/L	0.5	0.1
			SW8260	Dibromochloromethane	124-48-1	N	0.09	U	µg/L	0.5	0.09
			SW8260	Dibromomethane	74-95-3	N	0.11	U	µg/L	1	0.11
			SW8260	Dichlorodifluoromethane	75-71-8	N	0.13	U	µg/L	1	0.13
			SW8260	Ethylbenzene	100-41-4	N	0.08	U	µg/L	1	0.08
			SW8260	Hexachlorobutadiene	87-68-3	N	0.09	U	µg/L	0.6	0.09
			SW8260	Isopropylbenzene	98-82-8	N	0.08	U	µg/L	1	0.08
			SW8260	m,p-Xylene	108-38-3/1	N	0.14	U	µg/L	2	0.14
			SW8260	MEK (2-Butanone)	78-93-3	N	0.2	U	µg/L	10	0.2
			SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	0.15	U	µg/L	5	0.15
			SW8260	Methylene Chloride	75-09-2	N	0.2	U	µg/L	1	0.2
			SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	0.1	U	µg/L	10	0.1
			SW8260	Naphthalene	91-20-3	N	0.05	U	µg/L	1	0.05
			SW8260	n-Butylbenzene	104-51-8	N	0.09	U	µg/L	1	0.09
			SW8260	n-Propylbenzene	103-65-1	N	0.08	U	µg/L	1	0.08
			SW8260	o-Xylene	95-47-6	N	0.09	U	µg/L	1	0.09
			SW8260	p-Isopropyltoluene	99-87-6	N	0.09	U	µg/L	1	0.09

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Summary of Analytical Data, Third Quarter 2005

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Site	Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
GTS											
Site 13	Combined Effluent	7/6/2005	SW8260	sec-Butylbenzene	135-98-8	N	0.07	U	µg/L	1	0.07
			SW8260	Styrene	100-42-5	N	0.08	U	µg/L	1	0.08
			SW8260	TCE	79-01-6	N	0.1	U	µg/L	1	0.1
			SW8260	Tert-Butylbenzene	98-06-6	N	0.07	U	µg/L	1	0.07
			SW8260	Tetrachloroethylene	127-18-4	N	0.07	U	µg/L	1	0.07
			SW8260	Toluene	108-88-3	N	0.08	U	µg/L	1	0.08
			SW8260	trans-1,2-DCE	156-60-5	N	0.09	U	µg/L	1	0.09
			SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.07	U	µg/L	1	0.07
			SW8260	Trichlorofluoromethane	75-69-4	N	0.17	U	µg/L	1	0.17
			SW8260	Vinyl Chloride	75-01-4	N	0.21	U	µg/L	1	0.21
		8/4/2005	SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	0.09	U	µg/L	0.5	0.09
			SW8260	1,1,1-TCA	71-55-6	N	0.11	U	µg/L	1	0.11
			SW8260	1,1,2,2-Tetrachloroethane	79-34-5	N	0.11	U	µg/L	0.5	0.11
			SW8260	1,1,2-TCA	79-00-5	N	0.14	U	µg/L	1	0.14
			SW8260	1,1-DCA	75-34-3	N	0.13	U	µg/L	1	0.13
			SW8260	1,1-DCE	75-35-4	N	0.13	U	µg/L	1	0.13
			SW8260	1,1-Dichloropropene	563-58-6	N	0.07	U	µg/L	1	0.07
			SW8260	1,2,3-Trichlorobenzene	87-61-6	N	0.07	U	µg/L	1	0.07
			SW8260	1,2,3-Trichloropropane	96-18-4	N	0.11	U	µg/L	1	0.11
			SW8260	1,2,4-Trichlorobenzene	120-82-1	N	0.08	U	µg/L	1	0.08
			SW8260	1,2,4-Trimethylbenzene	95-63-6	N	0.07	U	µg/L	1	0.07
			SW8260	1,2-DCA	107-06-2	N	0.1	U	µg/L	0.5	0.1
			SW8260	1,2-DCB	95-50-1	N	0.11	U	µg/L	1	0.11
			SW8260	1,2-Dibromo-3-chloropropane	96-12-8	N	0.12	U	µg/L	2	0.12
			SW8260	1,2-Dichloropropane	78-87-5	N	0.12	U	µg/L	1	0.12
			SW8260	1,2-EDB	106-93-4	N	0.09	U	µg/L	1	0.09
			SW8260	1,3,5-Trimethylbenzene	108-67-8	N	0.08	U	µg/L	1	0.08
			SW8260	1,3-DCB	541-73-1	N	0.1	U	µg/L	1	0.1
			SW8260	1,3-Dichloropropane	142-28-9	N	0.09	U	µg/L	0.4	0.09
			SW8260	1,4-DCB	106-46-7	N	0.13	U	µg/L	0.5	0.13
			SW8260	1-Chlorohexane	544-10-5	N	0.06	U	µg/L	1	0.06
			SW8260	2,2-Dichloropropane	594-20-7	N	0.12	U	µg/L	1	0.12
			SW8260	2-Chlorotoluene	95-49-8	N	0.08	U	µg/L	1	0.08
			SW8260	4-Chlorotoluene	106-43-4	N	0.07	U	µg/L	1	0.07

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Site	Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
GTS											
Site 13	Combined Effluent	8/4/2005	SW8260	Acetone	67-64-1	N	0.6	U	µg/L	10	0.6
			SW8260	Benzene	71-43-2	N	0.07	U	µg/L	0.4	0.07
			SW8260	Bromobenzene	108-86-1	N	0.11	U	µg/L	1	0.11
			SW8260	Bromoform	74-97-5	N	0.13	U	µg/L	1	0.13
			SW8260	Bromochloromethane	75-27-4	N	0.12	U	µg/L	0.5	0.12
			SW8260	Bromodichloromethane	75-25-2	N	0.08	U	µg/L	1	0.08
			SW8260	Bromomethane	74-83-9	N	0.23	U	µg/L	3	0.23
			SW8260	Carbon Tetrachloride	56-23-5	N	0.08	U	µg/L	1	0.08
			SW8260	Chlorobenzene	108-90-7	N	0.12	U	µg/L	0.5	0.12
			SW8260	Chloroethane	75-00-3	N	0.2	U	µg/L	1	0.2
			SW8260	Chloroform	67-66-3	N	0.13	U	µg/L	0.3	0.13
			SW8260	Chloromethane	74-87-3	N	0.15	U	µg/L	1	0.15
			SW8260	cis-1,2-DCE	156-59-2	N	0.1	U	µg/L	1	0.1
			SW8260	cis-1,3-Dichloropropene	10061-01-5	N	0.1	U	µg/L	0.5	0.1
			SW8260	Dibromochloromethane	124-48-1	N	0.09	U	µg/L	0.5	0.09
			SW8260	Dibromomethane	74-95-3	N	0.11	U	µg/L	1	0.11
			SW8260	Dichlorodifluoromethane	75-71-8	N	0.13	U	µg/L	1	0.13
			SW8260	Ethylbenzene	100-41-4	N	0.08	U	µg/L	1	0.08
			SW8260	Hexachlorobutadiene	87-68-3	N	0.09	U	µg/L	0.6	0.09
			SW8260	Isopropylbenzene	98-82-8	N	0.08	U	µg/L	1	0.08
			SW8260	m,p-Xylene	108-38-3/1	N	0.14	U	µg/L	2	0.14
			SW8260	MEK (2-Butanone)	78-93-3	N	0.2	U	µg/L	10	0.2
			SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	0.15	U	µg/L	5	0.15
			SW8260	Methylene Chloride	75-09-2	N	0.2	U	µg/L	1	0.2
			SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	0.1	U	µg/L	10	0.1
			SW8260	Naphthalene	91-20-3	N	0.05	U	µg/L	1	0.05
			SW8260	n-Butylbenzene	104-51-8	N	0.09	U	µg/L	1	0.09
			SW8260	n-Propylbenzene	103-65-1	N	0.08	U	µg/L	1	0.08
			SW8260	o-Xylene	95-47-6	N	0.09	U	µg/L	1	0.09
			SW8260	p-Isopropyltoluene	99-87-6	N	0.09	U	µg/L	1	0.09
			SW8260	sec-Butylbenzene	135-98-8	N	0.07	U	µg/L	1	0.07
			SW8260	Styrene	100-42-5	N	0.08	U	µg/L	1	0.08
			SW8260	TCE	79-01-6	N	0.1	U	µg/L	1	0.1
			SW8260	Tert-Butylbenzene	98-06-6	N	0.07	U	µg/L	1	0.07

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Site	Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
GTS											
Site 13	Combined Effluent	8/4/2005	SW8260	Tetrachloroethylene	127-18-4	N	0.07	U	µg/L	1	0.07
			SW8260	Toluene	108-88-3	N	0.08	U	µg/L	1	0.08
			SW8260	trans-1,2-DCE	156-60-5	N	0.09	U	µg/L	1	0.09
			SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.07	U	µg/L	1	0.07
			SW8260	Trichlorofluoromethane	75-69-4	N	0.17	U	µg/L	1	0.17
			SW8260	Vinyl Chloride	75-01-4	N	0.21	U	µg/L	1	0.21
		9/8/2005	SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	0.06	U	µg/L	0.5	0.06
			SW8260	1,1,1-TCA	71-55-6	N	0.08	U	µg/L	1	0.08
			SW8260	1,1,2,2-Tetrachloroethane	79-34-5	N	0.06	U	µg/L	0.5	0.06
			SW8260	1,1,2-TCA	79-00-5	N	0.07	U	µg/L	1	0.07
			SW8260	1,1-DCA	75-34-3	N	0.06	U	µg/L	1	0.06
			SW8260	1,1-DCE	75-35-4	N	0.07	U	µg/L	1	0.07
			SW8260	1,1-Dichloropropene	563-58-6	N	0.05	U	µg/L	1	0.05
			SW8260	1,2,3-Trichlorobenzene	87-61-6	N	0.09	U	µg/L	1	0.09
			SW8260	1,2,3-Trichloropropane	96-18-4	N	0.08	U	µg/L	1	0.08
			SW8260	1,2,4-Trichlorobenzene	120-82-1	N	0.06	U	µg/L	1	0.06
			SW8260	1,2,4-Trimethylbenzene	95-63-6	N	0.05	U	µg/L	1	0.05
			SW8260	1,2-DCA	107-06-2	N	0.09	U	µg/L	0.5	0.09
			SW8260	1,2-DCB	95-50-1	N	0.06	U	µg/L	1	0.06
			SW8260	1,2-Dibromo-3-chloropropane	96-12-8	N	0.12	U	µg/L	2	0.12
			SW8260	1,2-Dichloropropane	78-87-5	N	0.04	U	µg/L	1	0.04
			SW8260	1,2-EDB	106-93-4	N	0.07	U	µg/L	1	0.07
			SW8260	1,3,5-Trimethylbenzene	108-67-8	N	0.06	U	µg/L	1	0.06
			SW8260	1,3-DCB	541-73-1	N	0.06	U	µg/L	1	0.06
			SW8260	1,3-Dichloropropane	142-28-9	N	0.05	U	µg/L	0.4	0.05
			SW8260	1,4-DCB	106-46-7	N	0.07	U	µg/L	0.5	0.07
			SW8260	1-Chlorohexane	544-10-5	N	0.06	U	µg/L	1	0.06
			SW8260	2,2-Dichloropropane	594-20-7	N	0.09	U	µg/L	1	0.09
			SW8260	2-Chlorotoluene	95-49-8	N	0.06	U	µg/L	1	0.06
			SW8260	4-Chlorotoluene	106-43-4	N	0.06	U	µg/L	1	0.06
			SW8260	Acetone	67-64-1	N	0.5	U	µg/L	10	0.5
			SW8260	Benzene	71-43-2	N	0.06	U	µg/L	0.4	0.06
			SW8260	Bromobenzene	108-86-1	N	0.07	U	µg/L	1	0.07
			SW8260	Bromochloromethane	74-97-5	N	0.09	U	µg/L	1	0.09

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Site	Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
GTS											
Site 13	Combined Effluent	9/8/2005	SW8260	Bromodichloromethane	75-27-4	N	0.07	U	µg/L	0.5	0.07
			SW8260	Bromoform	75-25-2	N	0.08	U	µg/L	1	0.08
			SW8260	Bromomethane	74-83-9	N	0.1	U	µg/L	3	0.1
			SW8260	Carbon Tetrachloride	56-23-5	N	0.06	U	µg/L	1	0.06
			SW8260	Chlorobenzene	108-90-7	N	0.07	U	µg/L	0.5	0.07
			SW8260	Chloroethane	75-00-3	N	0.03	U	µg/L	1	0.03
			SW8260	Chloroform	67-66-3	N	0.09	U	µg/L	0.3	0.09
			SW8260	Chloromethane	74-87-3	N	0.04	U	µg/L	1	0.04
			SW8260	cis-1,2-DCE	156-59-2	N	0.06	U	µg/L	1	0.06
			SW8260	cis-1,3-Dichloropropene	10061-01-5	N	0.07	U	µg/L	0.5	0.07
			SW8260	Dibromochloromethane	124-48-1	N	0.03	U	µg/L	0.5	0.03
			SW8260	Dibromomethane	74-95-3	N	0.09	U	µg/L	1	0.09
			SW8260	Dichlorodifluoromethane	75-71-8	N	0.05	U	µg/L	1	0.05
			SW8260	Ethylbenzene	100-41-4	N	0.06	U	µg/L	1	0.06
			SW8260	Hexachlorobutadiene	87-68-3	N	0.07	U	µg/L	0.6	0.07
			SW8260	Isopropylbenzene	98-82-8	N	0.05	U	µg/L	1	0.05
			SW8260	m,p-Xylene	108-38-3/1	N	0.1	U	µg/L	2	0.1
			SW8260	MEK (2-Butanone)	78-93-3	N	0.3	U	µg/L	10	0.3
			SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	0.06	U	µg/L	5	0.06
			SW8260	Methylene Chloride	75-09-2	N	0.07	U	µg/L	1	0.07
			SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	0.2	U	µg/L	10	0.2
			SW8260	Naphthalene	91-20-3	N	0.07	U	µg/L	1	0.07
			SW8260	n-Butylbenzene	104-51-8	N	0.06	U	µg/L	1	0.06
			SW8260	n-Propylbenzene	103-65-1	N	0.05	U	µg/L	1	0.05
			SW8260	o-Xylene	95-47-6	N	0.06	U	µg/L	1	0.06
			SW8260	p-Isopropyltoluene	99-87-6	N	0.04	U	µg/L	1	0.04
			SW8260	sec-Butylbenzene	135-98-8	N	0.06	U	µg/L	1	0.06
			SW8260	Styrene	100-42-5	N	0.05	U	µg/L	1	0.05
			SW8260	TCE	79-01-6	N	0.07	U	µg/L	1	0.07
			SW8260	Tert-Butylbenzene	98-06-6	N	0.06	U	µg/L	1	0.06
			SW8260	Tetrachloroethylene	127-18-4	N	0.08	U	µg/L	1	0.08
			SW8260	Toluene	108-88-3	N	0.06	U	µg/L	1	0.06
			SW8260	trans-1,2-DCE	156-60-5	N	0.07	U	µg/L	1	0.07
			SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.05	U	µg/L	1	0.05

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Site	Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
GTS											
Site 13	Combined Effluent	9/8/2005	SW8260	Trichlorofluoromethane	75-69-4	N	0.06	U	µg/L	1	0.06
			SW8260	Vinyl Chloride	75-01-4	N	0.09	U	µg/L	1	0.09
	Air Stripper 20 Effluent	6/8/2005	SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	0.06	U	µg/L	0.5	0.06
			SW8260	1,1,1-TCA	71-55-6	N	0.08	U	µg/L	1	0.08
			SW8260	1,1,2,2-Tetrachloroethane	79-34-5	N	0.06	U	µg/L	0.5	0.06
			SW8260	1,1,2-TCA	79-00-5	N	0.07	U	µg/L	1	0.07
			SW8260	1,1-DCA	75-34-3	N	0.06	U	µg/L	1	0.06
			SW8260	1,1-DCE	75-35-4	N	0.07	U	µg/L	1	0.07
			SW8260	1,1-Dichloropropene	563-58-6	N	0.05	U	µg/L	1	0.05
			SW8260	1,2,3-Trichlorobenzene	87-61-6	N	0.09	U	µg/L	1	0.09
			SW8260	1,2,3-Trichloropropane	96-18-4	N	0.08	U	µg/L	1	0.08
			SW8260	1,2,4-Trichlorobenzene	120-82-1	N	0.06	U	µg/L	1	0.06
			SW8260	1,2,4-Trimethylbenzene	95-63-6	N	0.05	U	µg/L	1	0.05
			SW8260	1,2-DCA	107-06-2	N	0.09	U	µg/L	0.5	0.09
			SW8260	1,2-DCB	95-50-1	N	0.06	U	µg/L	1	0.06
			SW8260	1,2-Dibromo-3-chloropropane	96-12-8	N	0.12	U	µg/L	2	0.12
			SW8260	1,2-Dichloropropane	78-87-5	N	0.04	U	µg/L	1	0.04
			SW8260	1,2-EDB	106-93-4	N	0.07	U	µg/L	1	0.07
			SW8260	1,3,5-Trimethylbenzene	108-67-8	N	0.06	U	µg/L	1	0.06
			SW8260	1,3-DCB	541-73-1	N	0.06	U	µg/L	1	0.06
			SW8260	1,3-Dichloropropane	142-28-9	N	0.05	U	µg/L	0.4	0.05
			SW8260	1,4-DCB	106-46-7	N	0.07	U	µg/L	0.5	0.07
			SW8260	1-Chlorohexane	544-10-5	N	0.06	U	µg/L	1	0.06
			SW8260	2,2-Dichloropropane	594-20-7	N	0.09	U	µg/L	1	0.09
			SW8260	2-Chlorotoluene	95-49-8	N	0.06	U	µg/L	1	0.06
			SW8260	4-Chlorotoluene	106-43-4	N	0.06	U	µg/L	1	0.06
			SW8260	Acetone	67-64-1	N	0.5	U	µg/L	10	0.5
			SW8260	Benzene	71-43-2	N	0.06	U	µg/L	0.4	0.06
			SW8260	Bromobenzene	108-86-1	N	0.07	U	µg/L	1	0.07
			SW8260	Bromochloromethane	74-97-5	N	0.09	U	µg/L	1	0.09
			SW8260	Bromodichloromethane	75-27-4	N	0.07	U	µg/L	0.5	0.07
			SW8260	Bromoform	75-25-2	N	0.08	U	µg/L	1	0.08
			SW8260	Bromomethane	74-83-9	N	0.1	U	µg/L	3	0.1
			SW8260	Carbon Tetrachloride	56-23-5	N	0.06	U	µg/L	1	0.06

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Site	Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
GTS											
Site 13	Air Stripper 20 Effluent	6/8/2005	SW8260	Chlorobenzene	108-90-7	N	0.07	U	µg/L	0.5	0.07
			SW8260	Chloroethane	75-00-3	N	0.03	U	µg/L	1	0.03
			SW8260	Chloroform	67-66-3	N	0.09	U	µg/L	0.3	0.09
			SW8260	Chloromethane	74-87-3	N	0.04	U	µg/L	1	0.04
			SW8260	cis-1,2-DCE	156-59-2	N	0.06	U	µg/L	1	0.06
			SW8260	cis-1,3-Dichloropropene	10061-01-5	N	0.07	U	µg/L	0.5	0.07
			SW8260	Dibromochloromethane	124-48-1	N	0.03	U	µg/L	0.5	0.03
			SW8260	Dibromomethane	74-95-3	N	0.09	U	µg/L	1	0.09
			SW8260	Dichlorodifluoromethane	75-71-8	N	0.05	U	µg/L	1	0.05
			SW8260	Ethylbenzene	100-41-4	N	0.06	U	µg/L	1	0.06
			SW8260	Hexachlorobutadiene	87-68-3	N	0.07	U	µg/L	0.6	0.07
			SW8260	Isopropylbenzene	98-82-8	N	0.05	U	µg/L	1	0.05
			SW8260	m,p-Xylene	108-38-3/1	N	0.1	U	µg/L	2	0.1
			SW8260	MEK (2-Butanone)	78-93-3	N	0.3	U	µg/L	10	0.3
			SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	0.06	U	µg/L	5	0.06
			SW8260	Methylene Chloride	75-09-2	N	0.07	U	µg/L	1	0.07
			SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	0.2	U	µg/L	10	0.2
			SW8260	Naphthalene	91-20-3	N	0.07	U	µg/L	1	0.07
			SW8260	n-Butylbenzene	104-51-8	N	0.06	U	µg/L	1	0.06
			SW8260	n-Propylbenzene	103-65-1	N	0.05	U	µg/L	1	0.05
			SW8260	o-Xylene	95-47-6	N	0.06	U	µg/L	1	0.06
			SW8260	p-Isopropyltoluene	99-87-6	N	0.04	U	µg/L	1	0.04
			SW8260	sec-Butylbenzene	135-98-8	N	0.06	U	µg/L	1	0.06
			SW8260	Styrene	100-42-5	N	0.05	U	µg/L	1	0.05
			SW8260	TCE	79-01-6	N	0.07	U	µg/L	1	0.07
			SW8260	Tert-Butylbenzene	98-06-6	N	0.06	U	µg/L	1	0.06
			SW8260	Tetrachloroethylene	127-18-4	N	0.08	U	µg/L	1	0.08
			SW8260	Toluene	108-88-3	N	0.06	U	µg/L	1	0.06
			SW8260	trans-1,2-DCE	156-60-5	N	0.07	U	µg/L	1	0.07
			SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.05	U	µg/L	1	0.05
			SW8260	Trichlorofluoromethane	75-69-4	N	0.06	U	µg/L	1	0.06
			SW8260	Vinyl Chloride	75-01-4	N	0.09	U	µg/L	1	0.09
9/8/2005			SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	0.06	U	µg/L	0.5	0.06
			SW8260	1,1,1-TCA	71-55-6	N	0.08	U	µg/L	1	0.08

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Site	Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
GTS											
Site 13	Air Stripper 20 Effluent	9/8/2005	SW8260	1,1,2,2-Tetrachloroethane	79-34-5	N	0.06	U	µg/L	0.5	0.06
			SW8260	1,1,2-TCA	79-00-5	N	0.07	U	µg/L	1	0.07
			SW8260	1,1-DCA	75-34-3	N	0.06	U	µg/L	1	0.06
			SW8260	1,1-DCE	75-35-4	N	0.07	U	µg/L	1	0.07
			SW8260	1,1-Dichloropropene	563-58-6	N	0.05	U	µg/L	1	0.05
			SW8260	1,2,3-Trichlorobenzene	87-61-6	N	0.09	U	µg/L	1	0.09
			SW8260	1,2,3-Trichloropropane	96-18-4	N	0.08	U	µg/L	1	0.08
			SW8260	1,2,4-Trichlorobenzene	120-82-1	N	0.06	U	µg/L	1	0.06
			SW8260	1,2,4-Trimethylbenzene	95-63-6	N	0.05	U	µg/L	1	0.05
			SW8260	1,2-DCA	107-06-2	N	0.09	U	µg/L	0.5	0.09
			SW8260	1,2-DCB	95-50-1	N	0.06	U	µg/L	1	0.06
			SW8260	1,2-Dibromo-3-chloropropane	96-12-8	N	0.12	U	µg/L	2	0.12
			SW8260	1,2-Dichloropropane	78-87-5	N	0.04	U	µg/L	1	0.04
			SW8260	1,2-EDB	106-93-4	N	0.07	U	µg/L	1	0.07
			SW8260	1,3,5-Trimethylbenzene	108-67-8	N	0.06	U	µg/L	1	0.06
			SW8260	1,3-DCB	541-73-1	N	0.06	U	µg/L	1	0.06
			SW8260	1,3-Dichloropropane	142-28-9	N	0.05	U	µg/L	0.4	0.05
			SW8260	1,4-DCB	106-46-7	N	0.07	U	µg/L	0.5	0.07
			SW8260	1-Chlorohexane	544-10-5	N	0.06	U	µg/L	1	0.06
			SW8260	2,2-Dichloropropane	594-20-7	N	0.09	U	µg/L	1	0.09
			SW8260	2-Chlorotoluene	95-49-8	N	0.06	U	µg/L	1	0.06
			SW8260	4-Chlorotoluene	106-43-4	N	0.06	U	µg/L	1	0.06
			SW8260	Acetone	67-64-1	N	0.5	U	µg/L	10	0.5
			SW8260	Benzene	71-43-2	N	0.06	U	µg/L	0.4	0.06
			SW8260	Bromobenzene	108-86-1	N	0.07	U	µg/L	1	0.07
			SW8260	Bromochloromethane	74-97-5	N	0.09	U	µg/L	1	0.09
			SW8260	Bromodichloromethane	75-27-4	N	0.07	U	µg/L	0.5	0.07
			SW8260	Bromoform	75-25-2	N	0.08	U	µg/L	1	0.08
			SW8260	Bromomethane	74-83-9	N	0.1	U	µg/L	3	0.1
			SW8260	Carbon Tetrachloride	56-23-5	N	0.06	U	µg/L	1	0.06
			SW8260	Chlorobenzene	108-90-7	N	0.07	U	µg/L	0.5	0.07
			SW8260	Chloroethane	75-00-3	N	0.03	U	µg/L	1	0.03
			SW8260	Chloroform	67-66-3	N	0.09	U	µg/L	0.3	0.09
			SW8260	Chloromethane	74-87-3	N	0.04	U	µg/L	1	0.04

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Site	Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
GTS											
Site 13	Air Stripper 20 Effluent	9/8/2005	SW8260	cis-1,2-DCE	156-59-2	N	0.06	U	µg/L	1	0.06
			SW8260	cis-1,3-Dichloropropene	10061-01-5	N	0.07	U	µg/L	0.5	0.07
			SW8260	Dibromochloromethane	124-48-1	N	0.03	U	µg/L	0.5	0.03
			SW8260	Dibromomethane	74-95-3	N	0.09	U	µg/L	1	0.09
			SW8260	Dichlorodifluoromethane	75-71-8	N	0.05	U	µg/L	1	0.05
			SW8260	Ethylbenzene	100-41-4	N	0.06	U	µg/L	1	0.06
			SW8260	Hexachlorobutadiene	87-68-3	N	0.07	U	µg/L	0.6	0.07
			SW8260	Isopropylbenzene	98-82-8	N	0.05	U	µg/L	1	0.05
			SW8260	m,p-Xylene	108-38-3/1	N	0.1	U	µg/L	2	0.1
			SW8260	MEK (2-Butanone)	78-93-3	N	0.3	U	µg/L	10	0.3
			SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	0.06	U	µg/L	5	0.06
			SW8260	Methylene Chloride	75-09-2	N	0.07	U	µg/L	1	0.07
			SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	0.2	U	µg/L	10	0.2
			SW8260	Naphthalene	91-20-3	N	0.07	U	µg/L	1	0.07
			SW8260	n-Butylbenzene	104-51-8	N	0.06	U	µg/L	1	0.06
			SW8260	n-Propylbenzene	103-65-1	N	0.05	U	µg/L	1	0.05
			SW8260	o-Xylene	95-47-6	N	0.06	U	µg/L	1	0.06
			SW8260	p-Isopropyltoluene	99-87-6	N	0.04	U	µg/L	1	0.04
			SW8260	sec-Butylbenzene	135-98-8	N	0.06	U	µg/L	1	0.06
			SW8260	Styrene	100-42-5	N	0.05	U	µg/L	1	0.05
			SW8260	TCE	79-01-6	N	0.07	U	µg/L	1	0.07
			SW8260	Tert-Butylbenzene	98-06-6	N	0.06	U	µg/L	1	0.06
			SW8260	Tetrachloroethylene	127-18-4	N	0.08	U	µg/L	1	0.08
			SW8260	Toluene	108-88-3	N	0.06	U	µg/L	1	0.06
			SW8260	trans-1,2-DCE	156-60-5	N	0.07	U	µg/L	1	0.07
			SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.05	U	µg/L	1	0.05
			SW8260	Trichlorofluoromethane	75-69-4	N	0.06	U	µg/L	1	0.06
			SW8260	Vinyl Chloride	75-01-4	N	0.09	U	µg/L	1	0.09
	Air Stripper 21 Effluent	6/8/2005	SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	0.06	U	µg/L	0.5	0.06
			SW8260	1,1,1-TCA	71-55-6	N	0.08	U	µg/L	1	0.08
			SW8260	1,1,2,2-Tetrachloroethane	79-34-5	N	0.06	U	µg/L	0.5	0.06
			SW8260	1,1,2-TCA	79-00-5	N	0.08	F	µg/L	1	0.07
			SW8260	1,1-DCA	75-34-3	N	0.06	U	µg/L	1	0.06
			SW8260	1,1-DCE	75-35-4	N	0.07	U	µg/L	1	0.07

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Site	Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
GTS											
Site 13	Air Stripper 21 Effluent	6/8/2005	SW8260	1,1-Dichloropropene	563-58-6	N	0.05	U	µg/L	1	0.05
			SW8260	1,2,3-Trichlorobenzene	87-61-6	N	0.09	U	µg/L	1	0.09
			SW8260	1,2,3-Trichloropropane	96-18-4	N	0.08	U	µg/L	1	0.08
			SW8260	1,2,4-Trichlorobenzene	120-82-1	N	0.06	U	µg/L	1	0.06
			SW8260	1,2,4-Trimethylbenzene	95-63-6	N	0.05	U	µg/L	1	0.05
			SW8260	1,2-DCA	107-06-2	N	0.09	U	µg/L	0.5	0.09
			SW8260	1,2-DCB	95-50-1	N	0.06	U	µg/L	1	0.06
			SW8260	1,2-Dibromo-3-chloropropane	96-12-8	N	0.12	U	µg/L	2	0.12
			SW8260	1,2-Dichloropropane	78-87-5	N	0.04	U	µg/L	1	0.04
			SW8260	1,2-EDB	106-93-4	N	0.07	U	µg/L	1	0.07
			SW8260	1,3,5-Trimethylbenzene	108-67-8	N	0.06	U	µg/L	1	0.06
			SW8260	1,3-DCB	541-73-1	N	0.06	U	µg/L	1	0.06
			SW8260	1,3-Dichloropropane	142-28-9	N	0.05	U	µg/L	0.4	0.05
			SW8260	1,4-DCB	106-46-7	N	0.07	U	µg/L	0.5	0.07
			SW8260	1-Chlorohexane	544-10-5	N	0.06	U	µg/L	1	0.06
			SW8260	2,2-Dichloropropane	594-20-7	N	0.09	U	µg/L	1	0.09
			SW8260	2-Chlorotoluene	95-49-8	N	0.06	U	µg/L	1	0.06
			SW8260	4-Chlorotoluene	106-43-4	N	0.06	U	µg/L	1	0.06
			SW8260	Acetone	67-64-1	N	0.5	U	µg/L	10	0.5
			SW8260	Benzene	71-43-2	N	0.06	U	µg/L	0.4	0.06
			SW8260	Bromobenzene	108-86-1	N	0.07	U	µg/L	1	0.07
			SW8260	Bromochloromethane	74-97-5	N	0.09	U	µg/L	1	0.09
			SW8260	Bromodichloromethane	75-27-4	N	0.07	U	µg/L	0.5	0.07
			SW8260	Bromoform	75-25-2	N	0.08	U	µg/L	1	0.08
			SW8260	Bromomethane	74-83-9	N	0.1	U	µg/L	3	0.1
			SW8260	Carbon Tetrachloride	56-23-5	N	0.06	U	µg/L	1	0.06
			SW8260	Chlorobenzene	108-90-7	N	0.07	U	µg/L	0.5	0.07
			SW8260	Chloroethane	75-00-3	N	0.03	U	µg/L	1	0.03
			SW8260	Chloroform	67-66-3	N	0.09	U	µg/L	0.3	0.09
			SW8260	Chloromethane	74-87-3	N	0.04	U	µg/L	1	0.04
			SW8260	cis-1,2-DCE	156-59-2	N	0.06	U	µg/L	1	0.06
			SW8260	cis-1,3-Dichloropropene	10061-01-5	N	0.07	U	µg/L	0.5	0.07
			SW8260	Dibromochloromethane	124-48-1	N	0.03	U	µg/L	0.5	0.03
			SW8260	Dibromomethane	74-95-3	N	0.09	U	µg/L	1	0.09

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Site	Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
GTS											
Site 13	Air Stripper 21 Effluent	6/8/2005	SW8260	Dichlorodifluoromethane	75-71-8	N	0.05	U	µg/L	1	0.05
			SW8260	Ethylbenzene	100-41-4	N	0.06	U	µg/L	1	0.06
			SW8260	Hexachlorobutadiene	87-68-3	N	0.07	U	µg/L	0.6	0.07
			SW8260	Isopropylbenzene	98-82-8	N	0.05	U	µg/L	1	0.05
			SW8260	m,p-Xylene	108-38-3/1	N	0.1	U	µg/L	2	0.1
			SW8260	MEK (2-Butanone)	78-93-3	N	0.3	U	µg/L	10	0.3
			SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	0.06	U	µg/L	5	0.06
			SW8260	Methylene Chloride	75-09-2	N	0.07	U	µg/L	1	0.07
			SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	0.2	U	µg/L	10	0.2
			SW8260	Naphthalene	91-20-3	N	0.07	U	µg/L	1	0.07
			SW8260	n-Butylbenzene	104-51-8	N	0.06	U	µg/L	1	0.06
			SW8260	n-Propylbenzene	103-65-1	N	0.05	U	µg/L	1	0.05
			SW8260	o-Xylene	95-47-6	N	0.06	U	µg/L	1	0.06
			SW8260	p-Isopropyltoluene	99-87-6	N	0.04	U	µg/L	1	0.04
			SW8260	sec-Butylbenzene	135-98-8	N	0.06	U	µg/L	1	0.06
			SW8260	Styrene	100-42-5	N	0.05	U	µg/L	1	0.05
			SW8260	TCE	79-01-6	N	0.07	U	µg/L	1	0.07
			SW8260	Tert-Butylbenzene	98-06-6	N	0.06	U	µg/L	1	0.06
			SW8260	Tetrachloroethylene	127-18-4	N	0.08	U	µg/L	1	0.08
			SW8260	Toluene	108-88-3	N	0.06	U	µg/L	1	0.06
			SW8260	trans-1,2-DCE	156-60-5	N	0.07	U	µg/L	1	0.07
			SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.05	U	µg/L	1	0.05
			SW8260	Trichlorofluoromethane	75-69-4	N	0.06	U	µg/L	1	0.06
			SW8260	Vinyl Chloride	75-01-4	N	0.09	U	µg/L	1	0.09
		9/8/2005	SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	0.06	U	µg/L	0.5	0.06
			SW8260	1,1,1-TCA	71-55-6	N	0.08	U	µg/L	1	0.08
			SW8260	1,1,2,2-Tetrachloroethane	79-34-5	N	0.06	U	µg/L	0.5	0.06
			SW8260	1,1,2-TCA	79-00-5	N	0.07	U	µg/L	1	0.07
			SW8260	1,1-DCA	75-34-3	N	0.06	U	µg/L	1	0.06
			SW8260	1,1-DCE	75-35-4	N	0.07	U	µg/L	1	0.07
			SW8260	1,1-Dichloropropene	563-58-6	N	0.05	U	µg/L	1	0.05
			SW8260	1,2,3-Trichlorobenzene	87-61-6	N	0.09	U	µg/L	1	0.09
			SW8260	1,2,3-Trichloropropane	96-18-4	N	0.08	U	µg/L	1	0.08
			SW8260	1,2,4-Trichlorobenzene	120-82-1	N	0.06	U	µg/L	1	0.06

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Site	Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
GTS											
Site 13	Air Stripper 21 Effluent	9/8/2005	SW8260	1,2,4-Trimethylbenzene	95-63-6	N	0.05	U	µg/L	1	0.05
			SW8260	1,2-DCA	107-06-2	N	0.09	U	µg/L	0.5	0.09
			SW8260	1,2-DCB	95-50-1	N	0.06	U	µg/L	1	0.06
			SW8260	1,2-Dibromo-3-chloropropane	96-12-8	N	0.12	U	µg/L	2	0.12
			SW8260	1,2-Dichloropropane	78-87-5	N	0.04	U	µg/L	1	0.04
			SW8260	1,2-EDB	106-93-4	N	0.07	U	µg/L	1	0.07
			SW8260	1,3,5-Trimethylbenzene	108-67-8	N	0.06	U	µg/L	1	0.06
			SW8260	1,3-DCB	541-73-1	N	0.06	U	µg/L	1	0.06
			SW8260	1,3-Dichloropropane	142-28-9	N	0.05	U	µg/L	0.4	0.05
			SW8260	1,4-DCB	106-46-7	N	0.07	U	µg/L	0.5	0.07
			SW8260	1-Chlorohexane	544-10-5	N	0.06	U	µg/L	1	0.06
			SW8260	2,2-Dichloropropane	594-20-7	N	0.09	U	µg/L	1	0.09
			SW8260	2-Chlorotoluene	95-49-8	N	0.06	U	µg/L	1	0.06
			SW8260	4-Chlorotoluene	106-43-4	N	0.06	U	µg/L	1	0.06
			SW8260	Acetone	67-64-1	N	0.5	U	µg/L	10	0.5
			SW8260	Benzene	71-43-2	N	0.06	U	µg/L	0.4	0.06
			SW8260	Bromobenzene	108-86-1	N	0.07	U	µg/L	1	0.07
			SW8260	Bromochloromethane	74-97-5	N	0.09	U	µg/L	1	0.09
			SW8260	Bromodichloromethane	75-27-4	N	0.07	U	µg/L	0.5	0.07
			SW8260	Bromoform	75-25-2	N	0.08	U	µg/L	1	0.08
			SW8260	Bromomethane	74-83-9	N	0.1	U	µg/L	3	0.1
			SW8260	Carbon Tetrachloride	56-23-5	N	0.06	U	µg/L	1	0.06
			SW8260	Chlorobenzene	108-90-7	N	0.07	U	µg/L	0.5	0.07
			SW8260	Chloroethane	75-00-3	N	0.03	U	µg/L	1	0.03
			SW8260	Chloroform	67-66-3	N	0.09	U	µg/L	0.3	0.09
			SW8260	Chloromethane	74-87-3	N	0.04	U	µg/L	1	0.04
			SW8260	cis-1,2-DCE	156-59-2	N	0.06	U	µg/L	1	0.06
			SW8260	cis-1,3-Dichloropropene	10061-01-5	N	0.07	U	µg/L	0.5	0.07
			SW8260	Dibromochloromethane	124-48-1	N	0.03	U	µg/L	0.5	0.03
			SW8260	Dibromomethane	74-95-3	N	0.09	U	µg/L	1	0.09
			SW8260	Dichlorodifluoromethane	75-71-8	N	0.05	U	µg/L	1	0.05
			SW8260	Ethylbenzene	100-41-4	N	0.06	U	µg/L	1	0.06
			SW8260	Hexachlorobutadiene	87-68-3	N	0.07	U	µg/L	0.6	0.07
			SW8260	Isopropylbenzene	98-82-8	N	0.05	U	µg/L	1	0.05

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Site	Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
GTS											
Site 13	Air Stripper 21 Effluent	9/8/2005	SW8260	m,p-Xylene	108-38-3/1	N	0.1	U	µg/L	2	0.1
			SW8260	MEK (2-Butanone)	78-93-3	N	0.3	U	µg/L	10	0.3
			SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	0.06	U	µg/L	5	0.06
			SW8260	Methylene Chloride	75-09-2	N	0.07	U	µg/L	1	0.07
			SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	0.2	U	µg/L	10	0.2
			SW8260	Naphthalene	91-20-3	N	0.07	U	µg/L	1	0.07
			SW8260	n-Butylbenzene	104-51-8	N	0.06	U	µg/L	1	0.06
			SW8260	n-Propylbenzene	103-65-1	N	0.05	U	µg/L	1	0.05
			SW8260	o-Xylene	95-47-6	N	0.06	U	µg/L	1	0.06
			SW8260	p-Isopropyltoluene	99-87-6	N	0.04	U	µg/L	1	0.04
			SW8260	sec-Butylbenzene	135-98-8	N	0.06	U	µg/L	1	0.06
			SW8260	Styrene	100-42-5	N	0.05	U	µg/L	1	0.05
			SW8260	TCE	79-01-6	N	0.07	U	µg/L	1	0.07
			SW8260	Tert-Butylbenzene	98-06-6	N	0.06	U	µg/L	1	0.06
			SW8260	Tetrachloroethylene	127-18-4	N	0.08	U	µg/L	1	0.08
			SW8260	Toluene	108-88-3	N	0.06	U	µg/L	1	0.06
			SW8260	trans-1,2-DCE	156-60-5	N	0.07	U	µg/L	1	0.07
			SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.05	U	µg/L	1	0.05
			SW8260	Trichlorofluoromethane	75-69-4	N	0.06	U	µg/L	1	0.06
			SW8260	Vinyl Chloride	75-01-4	N	0.09	U	µg/L	1	0.09
13C050EW		5/17/2005	SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	0.06	U	µg/L	0.5	0.06
			SW8260	1,1,1-TCA	71-55-6	N	0.08	U	µg/L	1	0.08
			SW8260	1,1,2,2-Tetrachloroethane	79-34-5	N	0.06	U	µg/L	0.5	0.06
			SW8260	1,1,2-TCA	79-00-5	N	0.07	U	µg/L	1	0.07
			SW8260	1,1-DCA	75-34-3	N	0.06	U	µg/L	1	0.06
			SW8260	1,1-DCE	75-35-4	N	0.07	U	µg/L	1	0.07
			SW8260	1,1-Dichloropropene	563-58-6	N	0.05	U	µg/L	1	0.05
			SW8260	1,2,3-Trichlorobenzene	87-61-6	N	0.09	U	µg/L	1	0.09
			SW8260	1,2,3-Trichloropropane	96-18-4	N	0.08	U	µg/L	1	0.08
			SW8260	1,2,4-Trichlorobenzene	120-82-1	N	0.06	U	µg/L	1	0.06
			SW8260	1,2,4-Trimethylbenzene	95-63-6	N	0.05	U	µg/L	1	0.05
			SW8260	1,2-DCA	107-06-2	N	0.09	U	µg/L	0.5	0.09
			SW8260	1,2-DCB	95-50-1	N	0.06	U	µg/L	1	0.06
			SW8260	1,2-Dibromo-3-chloropropane	96-12-8	N	0.12	U	µg/L	2	0.12

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GTS											
Site 13	13C050EW	5/17/2005	SW8260	1,2-Dichloropropane	78-87-5	N	0.04	U	µg/L	1	0.04
			SW8260	1,2-EDB	106-93-4	N	0.07	U	µg/L	1	0.07
			SW8260	1,3,5-Trimethylbenzene	108-67-8	N	0.06	U	µg/L	1	0.06
			SW8260	1,3-DCB	541-73-1	N	0.06	U	µg/L	1	0.06
			SW8260	1,3-Dichloropropane	142-28-9	N	0.05	U	µg/L	0.4	0.05
			SW8260	1,4-DCB	106-46-7	N	0.07	U	µg/L	0.5	0.07
			SW8260	1-Chlorohexane	544-10-5	N	0.06	U	µg/L	1	0.06
			SW8260	2,2-Dichloropropane	594-20-7	N	0.09	U	µg/L	1	0.09
			SW8260	2-Chlorotoluene	95-49-8	N	0.06	U	µg/L	1	0.06
			SW8260	4-Chlorotoluene	106-43-4	N	0.06	U	µg/L	1	0.06
			SW8260	Acetone	67-64-1	N	0.5	U	µg/L	10	0.5
			SW8260	Benzene	71-43-2	N	0.06	U	µg/L	0.4	0.06
			SW8260	Bromobenzene	108-86-1	N	0.07	U	µg/L	1	0.07
			SW8260	Bromochloromethane	74-97-5	N	0.09	U	µg/L	1	0.09
			SW8260	Bromodichloromethane	75-27-4	N	0.07	U	µg/L	0.5	0.07
			SW8260	Bromoform	75-25-2	N	0.08	U	µg/L	1	0.08
			SW8260	Bromomethane	74-83-9	N	0.1	U	µg/L	3	0.1
			SW8260	Carbon Tetrachloride	56-23-5	N	0.06	U	µg/L	1	0.06
			SW8260	Chlorobenzene	108-90-7	N	0.07	U	µg/L	0.5	0.07
			SW8260	Chloroethane	75-00-3	N	0.03	U	µg/L	1	0.03
			SW8260	Chloroform	67-66-3	N	0.09	U	µg/L	0.3	0.09
			SW8260	Chloromethane	74-87-3	N	0.04	U	µg/L	1	0.04
			SW8260	cis-1,2-DCE	156-59-2	N	0.06	U	µg/L	1	0.06
			SW8260	cis-1,3-Dichloropropene	10061-01-5	N	0.07	U	µg/L	0.5	0.07
			SW8260	Dibromochloromethane	124-48-1	N	0.03	U	µg/L	0.5	0.03
			SW8260	Dibromomethane	74-95-3	N	0.09	U	µg/L	1	0.09
			SW8260	Dichlorodifluoromethane	75-71-8	N	0.05	U	µg/L	1	0.05
			SW8260	Ethylbenzene	100-41-4	N	0.06	U	µg/L	1	0.06
			SW8260	Hexachlorobutadiene	87-68-3	N	0.07	U	µg/L	0.6	0.07
			SW8260	Isopropylbenzene	98-82-8	N	0.05	U	µg/L	1	0.05
			SW8260	m,p-Xylene	108-38-3/1	N	0.1	U	µg/L	2	0.1
			SW8260	MEK (2-Butanone)	78-93-3	N	0.3	U	µg/L	10	0.3
			SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	0.06	U	µg/L	5	0.06
			SW8260	Methylene Chloride	75-09-2	N	0.07	U	µg/L	1	0.07

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GTS											
Site 13	13C050EW	5/17/2005	SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	0.2	U	µg/L	10	0.2
			SW8260	Naphthalene	91-20-3	N	0.07	U	µg/L	1	0.07
			SW8260	n-Butylbenzene	104-51-8	N	0.06	U	µg/L	1	0.06
			SW8260	n-Propylbenzene	103-65-1	N	0.05	U	µg/L	1	0.05
			SW8260	o-Xylene	95-47-6	N	0.06	U	µg/L	1	0.06
			SW8260	p-Isopropyltoluene	99-87-6	N	0.04	U	µg/L	1	0.04
			SW8260	sec-Butylbenzene	135-98-8	N	0.06	U	µg/L	1	0.06
			SW8260	Styrene	100-42-5	N	0.05	U	µg/L	1	0.05
			SW8260	TCE	79-01-6	N	2.39		µg/L	1	0.07
			SW8260	Tert-Butylbenzene	98-06-6	N	0.06	U	µg/L	1	0.06
			SW8260	Tetrachloroethylene	127-18-4	N	0.08	U	µg/L	1	0.08
			SW8260	Toluene	108-88-3	N	0.06	U	µg/L	1	0.06
			SW8260	trans-1,2-DCE	156-60-5	N	0.07	U	µg/L	1	0.07
			SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.05	U	µg/L	1	0.05
			SW8260	Trichlorofluoromethane	75-69-4	N	0.06	U	µg/L	1	0.06
			SW8260	Vinyl Chloride	75-01-4	N	0.09	U	µg/L	1	0.09
	13C051EW		SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	0.06	U	µg/L	0.5	0.06
			SW8260	1,1,1-TCA	71-55-6	N	0.08	U	µg/L	1	0.08
			SW8260	1,1,2,2-Tetrachloroethane	79-34-5	N	0.06	U	µg/L	0.5	0.06
			SW8260	1,1,2-TCA	79-00-5	N	1.33		µg/L	1	0.07
			SW8260	1,1-DCA	75-34-3	N	0.06	U	µg/L	1	0.06
			SW8260	1,1-DCE	75-35-4	N	0.07	U	µg/L	1	0.07
			SW8260	1,1-Dichloropropene	563-58-6	N	0.05	U	µg/L	1	0.05
			SW8260	1,2,3-Trichlorobenzene	87-61-6	N	0.09	U	µg/L	1	0.09
			SW8260	1,2,3-Trichloropropane	96-18-4	N	0.08	U	µg/L	1	0.08
			SW8260	1,2,4-Trichlorobenzene	120-82-1	N	0.06	U	µg/L	1	0.06
			SW8260	1,2,4-Trimethylbenzene	95-63-6	N	0.05	U	µg/L	1	0.05
			SW8260	1,2-DCA	107-06-2	N	0.09	U	µg/L	0.5	0.09
			SW8260	1,2-DCB	95-50-1	N	0.06	U	µg/L	1	0.06
			SW8260	1,2-Dibromo-3-chloropropane	96-12-8	N	0.12	U	µg/L	2	0.12
			SW8260	1,2-Dichloropropane	78-87-5	N	0.04	U	µg/L	1	0.04
			SW8260	1,2-EDB	106-93-4	N	0.07	U	µg/L	1	0.07
			SW8260	1,3,5-Trimethylbenzene	108-67-8	N	0.06	U	µg/L	1	0.06
			SW8260	1,3-DCB	541-73-1	N	0.06	U	µg/L	1	0.06

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GTS											
Site 13	13C051EW	5/17/2005	SW8260	1,3-Dichloropropane	142-28-9	N	0.05	U	µg/L	0.4	0.05
			SW8260	1,4-DCB	106-46-7	N	0.07	U	µg/L	0.5	0.07
			SW8260	1-Chlorohexane	544-10-5	N	0.06	U	µg/L	1	0.06
			SW8260	2,2-Dichloropropane	594-20-7	N	0.09	U	µg/L	1	0.09
			SW8260	2-Chlorotoluene	95-49-8	N	0.06	U	µg/L	1	0.06
			SW8260	4-Chlorotoluene	106-43-4	N	0.06	U	µg/L	1	0.06
			SW8260	Acetone	67-64-1	N	0.5	U	µg/L	10	0.5
			SW8260	Benzene	71-43-2	N	0.06	U	µg/L	0.4	0.06
			SW8260	Bromobenzene	108-86-1	N	0.07	U	µg/L	1	0.07
			SW8260	Bromochloromethane	74-97-5	N	0.09	U	µg/L	1	0.09
			SW8260	Bromodichloromethane	75-27-4	N	0.07	U	µg/L	0.5	0.07
			SW8260	Bromoform	75-25-2	N	0.08	U	µg/L	1	0.08
			SW8260	Bromomethane	74-83-9	N	0.1	U	µg/L	3	0.1
			SW8260	Carbon Tetrachloride	56-23-5	N	0.06	U	µg/L	1	0.06
			SW8260	Chlorobenzene	108-90-7	N	0.07	U	µg/L	0.5	0.07
			SW8260	Chloroethane	75-00-3	N	0.03	U	µg/L	1	0.03
			SW8260	Chloroform	67-66-3	N	0.29	F	µg/L	0.3	0.09
			SW8260	Chloromethane	74-87-3	N	0.04	U	µg/L	1	0.04
			SW8260	cis-1,2-DCE	156-59-2	N	6.79		µg/L	1	0.06
			SW8260	cis-1,3-Dichloropropene	10061-01-5	N	0.07	U	µg/L	0.5	0.07
			SW8260	Dibromochloromethane	124-48-1	N	0.03	U	µg/L	0.5	0.03
			SW8260	Dibromomethane	74-95-3	N	0.09	U	µg/L	1	0.09
			SW8260	Dichlorodifluoromethane	75-71-8	N	0.05	U	µg/L	1	0.05
			SW8260	Ethylbenzene	100-41-4	N	0.06	U	µg/L	1	0.06
			SW8260	Hexachlorobutadiene	87-68-3	N	0.07	U	µg/L	0.6	0.07
			SW8260	Isopropylbenzene	98-82-8	N	0.05	U	µg/L	1	0.05
			SW8260	m,p-Xylene	108-38-3/1	N	0.1	U	µg/L	2	0.1
			SW8260	MEK (2-Butanone)	78-93-3	N	0.3	U	µg/L	10	0.3
			SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	0.06	U	µg/L	5	0.06
			SW8260	Methylene Chloride	75-09-2	N	0.07	U	µg/L	1	0.07
			SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	0.2	U	µg/L	10	0.2
			SW8260	Naphthalene	91-20-3	N	0.07	U	µg/L	1	0.07
			SW8260	n-Butylbenzene	104-51-8	N	0.06	U	µg/L	1	0.06
			SW8260	n-Propylbenzene	103-65-1	N	0.05	U	µg/L	1	0.05

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GTS											
Site 13	13C051EW	5/17/2005	SW8260	o-Xylene	95-47-6	N	0.06	U	µg/L	1	0.06
			SW8260	p-Isopropyltoluene	99-87-6	N	0.04	U	µg/L	1	0.04
			SW8260	sec-Butylbenzene	135-98-8	N	0.06	U	µg/L	1	0.06
			SW8260	Styrene	100-42-5	N	0.05	U	µg/L	1	0.05
			SW8260	TCE	79-01-6	N	67		µg/L	1	0.07
			SW8260	Tert-Butylbenzene	98-06-6	N	0.06	U	µg/L	1	0.06
			SW8260	Tetrachloroethylene	127-18-4	N	1.22		µg/L	1	0.08
			SW8260	Toluene	108-88-3	N	0.06	U	µg/L	1	0.06
			SW8260	trans-1,2-DCE	156-60-5	N	1.74		µg/L	1	0.07
			SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.05	U	µg/L	1	0.05
			SW8260	Trichlorofluoromethane	75-69-4	N	0.06	U	µg/L	1	0.06
			SW8260	Vinyl Chloride	75-01-4	N	0.09	U	µg/L	1	0.09

Notes:

U = Not Detected.

FD = Field Duplicate.

N = Normal Sample.

Qualifier Description

B = The analyte was found in an associated blank, as well as in the sample.

F = The analyte was positively identified but the associated numerical value is below the reporting limit (RL).

J = The analyte was positively identified, the quantitation is an estimate.

M = A matrix effect was present.

Appendix B

Site 10 Enhanced In Situ Bioremediation

Treatment System Monitoring Data

Long-term Operation and Maintenance
Third Quarter 2005 Report
Appendix B

Site 10 Enhanced In Situ Bioremediation Treatment System Monitoring Data

Prepared for
Beale Air Force Base

January 2006

CH2MHILL

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Acronyms and Abbreviations

°C	degrees Celsius
µg/L	micrograms per liter
bgs	below ground surface
CMW	compliance monitoring wells
DCE	dichloroethene
EISB	enhanced in situ bioremediation
ERP	Environmental Restoration Program
EW	extraction wells
mg/L	milligrams per liter
MIBK	methyl isobutyl ketone
mS/cm	milliSeimen/centimeter
msl	mean sea level
mv	millivolts
NTU	nephelometric turbidity unit
ORP	oxidation reduction potential
PCE	tetrachloroethylene
PMW	performance monitoring wells
TCA	trichloroethane
TCE	trichloroethylene
VOC	volatile organic compound

APPENDIX B

Site 10 Enhanced In Situ Bioremediation Treatment System Monitoring Data

B.1 Project Overview

Transect 1 of the enhanced in situ bioremediation (EISB) system at Environmental Restoration Program (ERP) Site 10 was installed in 2004 and groundwater recirculation began operation on January 14, 2005. As shown on Figure B-1 (figures are located at the end of this report), the EISB system currently consists of seven extraction wells (EW) and 10 injection wells. System performance and compliance is assessed with 12 performance monitoring wells (PMW) and seven compliance monitoring wells (CMW) (see Table B-1; tables are located at the end of this report). Two EWs (10C042RW and 10C044RW), two injection wells (10C046RW and 10C052IW), and two PMWs (10C025RW and 10C026RW) were constructed in September 2005. The groundwater monitoring results for these new wells are discussed below. EISB is being used to treat chlorinated volatile organic compound (VOC) contamination in the groundwater source area (defined as groundwater with trichloroethylene [TCE] concentrations greater than 100 micrograms per liter [$\mu\text{g}/\text{L}$]). One remedial action objective of the EISB system is to obtain anaerobic reducing conditions in the subsurface that will remediate the VOC contamination. All of the Site 10 remedial action objectives are described in Section 5.6 of the *Site 10 Remedial Action Summary Report* (CH2M HILL, 2005a).

B.2 Third Quarter 2005 Groundwater Monitoring

The following subsections discuss groundwater samples collected from wells associated with the enhanced EISB system during third quarter 2005. The data have been divided into two categories according to well type, location, performance, and compliance monitoring.

The groundwater sampling and analyses plan for compliance and performance monitoring of this system is presented in Table 5-6 of the *Site 10 Remedial Action Summary Report* (CH2M HILL, 2005a). Quarterly sampling was conducted in August and September 2005. Table B-2 presents a summary of detected compounds in well samples. Time series plots of selected analytical data for groundwater are presented in Attachment B1; complete analytical results are provided in Attachment B2.

B.2.1 Extraction and Performance Monitoring Wells

B.2.1.1 Chlorinated Volatile Organic Compounds

During third quarter 2005 sampling events, a maximum TCE concentration of 2,310 $\mu\text{g}/\text{L}$ was detected in EW 10C031RW. The TCE concentrations in the other EWs during the two

sampling events ranged from 122 to 1,510 µg/L¹. The TCE was detected in PMWs during third quarter 2005 sampling events at concentration values ranging from 0.26 to 1,760 µg/L. The highest result was detected during the August sampling event in 10C055RW. The lowest TCE concentration was also detected during the August sampling event in PMW 10M004MW. PMW 10M004MW is located within the pilot-test area and indicates that TCE continues to be degraded within the pilot-test area.

During third quarter 2005, cis-1,2-dichloroethene (DCE) was detected at concentrations up to 885 µg/L (10C042RW) in the EWs and 1,130 µg/L (10C001MW) in the PMWs (see Table B-2). These maximum concentrations are over 200 percent greater than the maximum cis-1,2-DCE concentrations (364 µg/L [EW 10C030RW] and 366 µg/L [PMW 10C001MW]) observed during second quarter 2005. Cis-1,2-DCE is a common degradation byproduct of TCE and elevated concentrations can indicate an area of active TCE degradation. The maximum concentrations were detected in an area of negative oxidation reduction potential (ORP), which suggests an anaerobic reducing environment.

Trans-1,2-DCE was not detected above 2.9 µg/L in EWs or PMWs. Vinyl chloride was detected in August 2005, at a concentration of 12 µg/L in 10M004MW (PMW), 1.15 µg/L in 10C032RW (EW), and below reporting limits (0.8 µg/L) in 10C042RW (EW). Well 10M004MW is located within the EISB pilot-test area (see Figure B-2) and wells 10C032RW and 10C042RW are located within Transect 1. This is the first detection of vinyl chloride in extraction wells outside the pilot-test area and indicates that enhanced degradation is occurring within the Transect 1 treatment zone.

Decreasing trends in TCE continue to be present in 10C045RW and 10C049RW (see Attachment B1). The trend in 10C045RW is likely attributed to dilution because anaerobic conditions have not been observed in this area and concentrations of TCE degradation byproducts are low. The trend in 10C049RW is likely attributed to degradation due to the detection of anaerobic conditions at this location and the presence of elevated concentrations of TCE degradation byproducts.

B.2.1.2 Dissolved Hydrocarbon Gases, Dissolved Manganese, and Volatile Fatty Acids

Dissolved hydrocarbon gases were detected at elevated concentrations in 10M004MW (PMW) during third quarter 2005. Ethane, ethene, and methane were detected at concentrations of 82.5, 72.2, and 11,900 µg/L, respectively, during the August sampling event. 10M004MW is in the pilot-test area and is an area of active dechlorination. These constituents were detected at concentrations equal to or less than 13.7 µg/L in the EWs and the other PMWs. There is a general trend of increasing hydrocarbon gases within the EWs and PMWs, which is most likely because of an increased rate of biodegradation. The results of ethene detected in groundwater during first quarter 2005 were omitted in the *LTO&M First Quarter 2005 Report* (CH2M HILL, 2005b) because of an oversight and are included in Table B-2.

As the oxygen content of groundwater decreases, the solubility of manganese typically increases; therefore, elevated concentrations of manganese in groundwater are indicative of low oxygen conditions. Dissolved manganese was detected in 10M004MW in August 2005,

¹ The corrected range of TCE concentrations in the other extraction wells during first quarter 2005 was 169 to 2,920 µg/L. These values were incorrectly stated as 169 to 2,270 µg/L in the *LTO&M First Quarter 2005 Report* (CH2M HILL, 2005b).

at a concentration of 4.23 milligrams per liter (mg/L). This indicates that reducing conditions persist within the former pilot-test treatment area. In the EWs and the PMWs outside the pilot-test treatment area, dissolved manganese was detected at low concentrations (less than 0.153 mg/L); which indicates that oxygen is still present in the aquifer within the Transect 1 treatment area.

Volatile fatty acids are a byproduct of the biological degradation of sodium lactate and can be used to indicate the lateral extent of lactate distribution. Acetic acid was detected in 10M004MW during the August 2005 sampling event at a concentration of 0.33 mg/L. No volatile fatty acids were detected in any of the other PMWs and EWs. With the exception of the pilot-test treatment area, lactate distribution within the aquifer has been limited.

B.2.1.3 Field Parameters

During third quarter 2005, pH and ORP measurements were collected monthly at selected EWs and PMWs (see Table B-3). Measurements of pH ranged from 6.2 to 7.9. Measurements of ORP that are less than zero suggest an anaerobic reducing environment. Negative ORP were detected in wells 10C001MW, 10C047MW, and 10M004MW. The remaining EWs and PMWs had positive ORPs for the duration of the quarter. Overall, no new trends were observed in either pH or ORP this quarter.

B.2.2 Compliance Monitoring Wells

The following subsections discuss the analytical results from samples collected during third quarter 2005 from the five shallow CMWs and the two deep CMWs. A proper baseline data set is still being collected from CMWs at Site 10. The third quarter 2005 data represent round five of the eight rounds necessary to establish baseline values. The method for evaluating the Phase 1 EISB system compliance monitoring data is documented in the *Site 10 Remedial Action Summary Report* (CH2M HILL, 2005a).

B.2.2.1 Chlorinated Volatile Organic Compounds

Concentrations of TCE varied greatly in the CMWs. 10C035RW, 10C050RW, and 10C051RW are located in areas of existing chlorinated VOC contamination. For the August 2005 sampling event, TCE was detected at concentrations of 32.8 µg/L in 10C035RW, 181 µg/L in 10C050RW, and 854 µg/L in 10C051RW. Compared to May 2005, the TCE concentration in 10C035RW decreased 34 percent and the TCE concentration in 10C050RW increased 14 percent. Third quarter 2005 TCE concentrations in 10C051RW increased approximately 3 percent compared to May 2005.

CMWs 10C003MW, 10L001MW, 10R001MW, and 10M005MW are located in areas with TCE contamination less than the maximum contaminant level. TCE was not detected in well 10M005MW during August 2005, but it was detected during the August sampling event in upgradient wells 10R001MW, 10L001MW, and 10C003MW at concentrations less than 1.38 µg/L (see Figure B-2).

During August 2005 groundwater sampling, cis-1,2-DCE was detected at concentrations of 3.03 µg/L in 10C035RW, 1.77 µg/L in 10C050RW, and 13.7 µg/L in 10C051RW. Cis-1,2-DCE was not detected during the August 2005 sampling event in upgradient wells 10C003MW,

10L001MW, 10M005MW, and 10R001MW. Vinyl chloride and trans-1,2-DCE were not detected in any of the August 2005 CMW groundwater samples.

The VOCs in 10C003MW appear to be decreasing, and concentrations in 10C051RW and 10C035RW are slightly increasing (see Attachment B1-1 and B1-2). The trend in 10C051RW does not result from operation of the EISB system. 10C051RW is more than 300 feet from the nearest remediation well. Therefore, the EISB system could not have impacted this well during the time it has been operating. This trend is likely because of seasonal fluctuations in the TCE plume combined with the migration of the core of the plume to the south due to the natural hydraulic gradient of the aquifer.

The increasing VOC trend in 10C035RW will continue to be monitored closely to see if it persists. This well is very close to the western boundary of the treatment zone. The concentrations in this area are relatively low. The decreasing trend in 10C003MW has been occurring since the pilot test in 2003/2004. After the mass of chlorinated solvents in the source area are degraded, the plume will shrink. 10C003MW is upgradient from the pilot-test area, and is responding to the reduced downgradient flux of chlorinated solvents into this area.

Another factor that could be influencing the concentrations in 10C003MW is the excavation of soil from the drainage ditch adjacent to 10C003MW. Soil was excavated in September and December 2004 as part of the Site 10 remedial action (CH2M HILL, 2005a). Rainwater ponds in the excavation area and increases the amount of infiltration in this area.

B.2.2.2 Dissolved Hydrocarbon Gases, Dissolved Manganese, and Volatile Fatty Acids

Dissolved methane was detected at low concentrations in 10C003MW, 10C035RW, 10C050RW, 10C051RW, and 10M005MW during the August 2005 sampling event. The concentrations ranged from 0.13 to 0.59 µg/L. Ethene was detected in the August 2005 CMW groundwater sample from 10C035RW at a concentration below detection limits (0.028 µg/L).

Dissolved manganese was detected during August 2005 at concentrations less than 0.01 mg/L in 10M005MW, 10C035RW, 10C050RW, and 10C051RW.

No volatile fatty acids were detected in the CMWs during August 2005.

B.2.2.3 Field Parameters

In July, August, and September 2005, ORP and pH measurements were collected from all upper-zone CMWs. Measurements of pH ranged from 5.3 to 7.6. In third quarter 2005, ORP measurements were positive, suggesting that reducing conditions do not exist around the CMWs. Therefore, reducing conditions produced in the treatment zone have not impacted any of the CMWs.

B.3 Works Cited

CH2M HILL. 2005a. Final. *Site 10 Remedial Action Summary Report*. July.

CH2M HILL. 2005b. Final. *Long-term Operation and Maintenance First Quarter 2005 Report*. July.

TABLE B-1

ERP Site 10 EISB Treatment System – Transect 1 Well Identification and Classification

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Well Type	Number of Wells	Well Identification
Extraction Wells	7	10C024EW, 10C030RW, 10C031RW, 10C032RW, 10C042RW, 10C044RW, and 10C045RW
Injection Wells	10	10C022IW, 10C034RW, 10C036RW, 10C037RW, 10C038RW, 10C039RW, 10C041RW, 10C043RW, 10C046RW, and 10C052RW
Performance Monitoring Wells	10	10C001MW, 10C025RW, 10C026RW, 10C047MW, 10C048MW, 10C049MW, 10C054RW, 10C055RW 10M004MW, and 10M006MW
Performance Monitoring Wells (Limited Monitoring)	2	10C033RW and 10C040RW
Interim Compliance Monitoring Wells (Upper Zone)	5	10C003MW, 10C035RW, 10C050RW, 10C051RW, and 10M005MW
Compliance Monitoring Wells (Lower Zone)	2	10L001MW and 10R001MW

TABLE B-2

Summary of Detected Compounds in Well Samples, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Screen Interval (feet bgs)	Date	Analyte	Result	Units
Compliance Monitoring Wells					
10C003MW	31 to 51	08/15/05	Methane	0.591	µg/L
			TCE	1.25	µg/L
10C035RW	50 to 62	08/15/05	cis-1,2-DCE	3.03	µg/L
			Ethene	0.028 F	µg/L
			Manganese, dissolved	0.0023 F	mg/L
			Methane	0.168 F	µg/L
			PCE	0.3 F	µg/L
			TCE	32.8	µg/L
10C050RW	32 to 52	01/18/05	Ethene	0.045 F	µg/L
		08/11/05	Bromide	0.044 F	mg/L
			cis-1,2-DCE	1.77	µg/L
			Manganese, dissolved	0.0009 F	mg/L
			Methane	0.131 F	µg/L
			PCE	28	µg/L
			TCE	181	µg/L

TABLE B-2

Summary of Detected Compounds in Well Samples, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Screen Interval (feet bgs)	Date	Analyte	Result	Units
10C051RW	37 to 54	08/11/05	Chloroform	1.11 F	µg/L
			cis-1,2-DCE	13.7	µg/L
			Manganese, dissolved	0.0006 F	mg/L
			Methane	0.153 F	µg/L
			PCE	64.3	µg/L
			TCE	854	µg/L
10L001MW	85.1 to 105.1	08/16/05	TCE	1.37	µg/L
10M005MW	23 to 42.5	08/11/05	Manganese, dissolved	0.0035 F	mg/L
			Methane	0.144 F	µg/L
10R001MW		8/16/05	Acetone	1.2 F	µg/L
			Benzene	0.1 F	µg/L
			MTBE	0.43 F	µg/L
			TCE	0.27 F	µg/L
Performance Monitoring Wells					
10C001MW	28 to 48	08/11/05	1,1-DCE	1.15 F	µg/L
			Alkalinity	242	mg/L
			Alkalinity, bicarbonate	242	mg/L
			Chloride	20.4	mg/L
			Chloroform	0.92 F	µg/L
			cis-1,2-DCE	1,130	µg/L
			Dissolved organic carbon	1.95 F	mg/L
			Ethane	0.053 F	µg/L
			Ethene	0.136 F	µg/L
			Manganese, dissolved	0.0758	mg/L
			Methane	5.29	µg/L
			Nitrate-N	0.21 F	mg/L
			PCE	66.9	µg/L
			Sulfate	2.97	mg/L
			TCE	862	µg/L
			Total organic carbon	1.82 F	mg/L
			trans-1,2-DCE	2.9 F	µg/L
10C025RW	45 to 70	09/08/05	Ethane	0.232 F	µg/L
			Ethene	2.796	µg/L
			Methane	7.31	µg/L
			Chloride	61.4	mg/L
			Nitrate-N	0.39 F	mg/L
			Sulfate	8.56	mg/L

TABLE B-2
Summary of Detected Compounds in Well Samples, Third Quarter 2005
LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Screen Interval (feet bgs)	Date	Analyte	Result	Units
10C026RW	45 to 70	09/08/05	Chloride	41.6	mg/L
			Ethane	0.126 F	µg/L
			Ethene	0.184 F	µg/L
			Methane	0.285 F	µg/L
			Nitrate-N	1.88	mg/L
			Nitrite-N	0.07 F	mg/L
			Phosphate	0.08 F	mg/L
			Sulfate	7.89	mg/L
10C033RW	33 to 43	08/12/05	Cis-1,2-DCE	15.5	µg/L
			PCE	0.12 F	µg/L
			TCE	23.4	µg/L
			Cis-1,2-DCE	9.3	µg/L
10C040RW	38 to 43	08/12/05	TCE	14.4	µg/L
			Ethene	0.048 F	µg/L
			08/11/05	Alkalinity	143 mg/L
				Alkalinity, bicarbonate	143 mg/L
				Chloride	49.6 mg/L
				Chloroform	0.31 µg/L
			Cis-1,2-DCE	77.7	µg/L
			Dissolved organic carbon	0.98 F	mg/L
				Ethene	0.041 F µg/L
				Iron, dissolved	0.009 F mg/L
				Manganese, dissolved	0.0013 F mg/L
				Methane	0.232 F µg/L
				Nitrate-N	1.68 mg/L
			PCE	29.9	µg/L
				Sulfate	6.81 mg/L
10C047MW	32 to 52	03/21/05 08/11/05	TCE	293	µg/L
			Total organic carbon	0.58 F	mg/L
				trans-1,2-DCE	0.34 F µg/L
			Ethene	0.048 F	µg/L
				Alkalinity	128 mg/L
				Alkalinity, bicarbonate	128 mg/L
				Chloride	7.83 mg/L
				Chloroform	0.57 F µg/L
			cis-1,2-DCE	172	µg/L
			Dissolved organic carbon	1.54	mg/L
10C048MW	32 to 67	01/18/05 08/11/05		Methane	0.218 F µg/L
				Nitrate-N	1.67 mg/L
			PCE	8.34	µg/L
				Sulfate	6.77 mg/L
			TCE	433	µg/L

TABLE B-2

Summary of Detected Compounds in Well Samples, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Screen Interval (feet bgs)	Date	Analyte	Result	Units
			Total organic carbon	0.96 F	mg/L
			trans-1,2-DCE	0.6 F	µg/L
10C049MW	33 to 68	01/17/05	Ethene	0.052 F	µg/L
		08/11/05	1,1,2-TCA	0.46 F	µg/L
			Alkalinity	118	mg/L
			Alkalinity, bicarbonate	118	mg/L
			Chloride	25.7	mg/L
			Chloroform	0.92	µg/L
			cis-1,2-DCE	183	µg/L
			Dissolved organic carbon	1.46	mg/L
			Ethane	0.031 F	µg/L
			Ethene	0.029 F	µg/L
			Iron, dissolved	0.006 F	mg/L
			Methane	0.245 F	µg/L
			Nitrate-N	1.35	mg/L
			PCE	17.6	µg/L
			Phosphate	0.04 F	mg/L
			Sulfate	9.09	mg/L
			TCE	665	µg/L
			Total organic carbon	1.17	mg/L
			trans-1,2-DCE	0.57 F	µg/L
10C054RW	240.4 to 260.4	01/17/05	Ethene	0.044 F	µg/L
		03/22/05	Ethene	0.039 F	µg/L
		08/11/05	Alkalinity	88	mg/L
			Alkalinity, bicarbonate	88	mg/L
			Chloride	5.76	mg/L
			Chloroform	0.54 F	µg/L
			cis-1,2-DCE	4.51	µg/L
			Dissolved organic carbon	0.94 F	mg/L
			Manganese, dissolved	0.0006 F	mg/L
			Methane	0.161 F	µg/L
			Nitrate-N	1.83	mg/L
			PCE	70.3	µg/L
			Phosphate	0.3 F	mg/L
			Sulfate	2.79	mg/L
			TCE	512	µg/L
			Total organic carbon	0.36 F	mg/L

TABLE B-2
Summary of Detected Compounds in Well Samples, Third Quarter 2005
LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Screen Interval (feet bgs)	Date	Analyte	Result	Units
10C055RW	275 to 295	01/18/05	Ethene	0.069 F	µg/L
		03/22/05	Ethene	0.044 F	µg/L
		08/11/05	Alkalinity	146	mg/L
			Alkalinity, bicarbonate	146	mg/L
			Chloride	24.5	mg/L
			Chloroform	1.35 F	µg/L
			cis-1,2-DCE	139	µg/L
			Dissolved organic carbon	0.89 F	mg/L
			Ethane	0.11 F	µg/L
			Manganese, dissolved	0.0105	mg/L
			Methane	0.244 F	µg/L
			Nitrate-N	1.6	mg/L
			PCE	203	µg/L
			Sulfate	6.86	mg/L
			TCE	1,760	µg/L
			Total organic carbon	0.52 F	mg/L
10M004MW	36.4 to 56.4	01/17/05	Ethene	50.6	µg/L
		03/21/05	Ethene	27	µg/L
		08/15/05	1,2-DCA	0.12 F	µg/L
			Acetic Acid	0.332	mg/L
			Alkalinity	429	mg/L
			Alkalinity, bicarbonate	429	mg/L
			Benzene	0.09 F	µg/L
			Chloride	17.2	mg/L
			cis-1,2-DCE	17.6	µg/L
			Dissolved organic carbon	38.9	mg/L
			Ethane	82.5	µg/L
			Ethene	72.2	µg/L
			Iron, dissolved	1.45	mg/L
			Manganese, dissolved	4.23	mg/L
			Methane	11,900	µg/L
			Sulfate	0.58 F	mg/L
			TCE	0.26 F	µg/L
			Toluene	0.11 F	µg/L
			Total organic carbon	2.94	mg/L
			trans-1,2-DCE	0.34 F	µg/L
			Vinyl chloride	12	µg/L

TABLE B-2

Summary of Detected Compounds in Well Samples, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Screen Interval (feet bgs)	Date	Analyte	Result	Units
10M006MW	46 to 65.5	08/15/05	Alkalinity	93	mg/L
			Alkalinity, bicarbonate	93	mg/L
			Chloride	2.37	mg/L
			Chloroform	0.2 F	µg/L
			cis-1,2-DCE	28.9	µg/L
			Dissolved organic carbon	1.21	mg/L
			Methane	0.126 F	µg/L
			Nitrate-N	2.32 J	mg/L
			PCE	2.3	µg/L
			Sulfate	3.7	mg/L
			TCE	158	µg/L
			Total organic carbon	0.57 F	mg/L
			trans-1,2-DCE	1.15	µg/L
Extraction Wells					
10C030RW	40 to 58	08/15/05	Chloroform	0.52	µg/L
			cis-1,2-DCE	264	µg/L
			Methane	0.326 F	µg/L
			PCE	30.2	µg/L
			TCE	349	µg/L
			trans-1,2-DCE	0.69 F	µg/L
10C031RW	43 to 63	08/15/05	Chloroform	1.7 F	µg/L
			cis-1,2-DCE	329	µg/L
			Methane	1.591	µg/L
			PCE	174	µg/L
			TCE	2,310	µg/L
			trans-1,2-DCE	1.08 F	µg/L
10C032RW	43 to 63	08/15/05	Chloride	13.8	mg/L
			Chloroform	1.36 F	µg/L
			cis-1,2-DCE	300	µg/L
			Ethane	0.065 F	µg/L
			Ethene	0.371 F	µg/L
			Manganese, dissolved	0.0004 F	mg/L
			Methane	0.62	µg/L
			Nitrate-N	1.84	mg/L
			PCE	72.4	µg/L
			Sulfate	7.75	mg/L
			Sulfide	0.76 F	mg/L
			TCE	1,440	µg/L
			trans-1,2-DCE	1.74 F	µg/L
			Vinyl chloride	1.15 F	µg/L

TABLE B-2
 Summary of Detected Compounds in Well Samples, Third Quarter 2005
LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Screen Interval (feet bgs)	Date	Analyte	Result	Units
10C042RW	45 to 70	09/09/05	1,1,1,2-TCA	0.34 F	µg/L
			1,1,2-TCA	0.93 F	µg/L
			1,1-DCE	1.05	µg/L
			1,2-DCA	0.2 F	µg/L
			Benzene	0.08 F	µg/L
			Chloride	37.9	mg/L
			Chloroform	0.79	µg/L
			cis-1,2-DCE	885	µg/L
			Ethane	0.186 F	µg/L
			Ethene	0.246 F	µg/L
			Iron, dissolved	0.041 F	mg/L
			Manganese, dissolved	0.152	mg/L
			Methane	13.7	µg/L
			Nitrate-N	0.32 F	mg/L
			PCE	146	µg/L
			Sulfate	7.01	mg/L
			Sulfide	1.8 F	mg/L
			TCE	1,510	µg/L
			Total organic Carbon	0.95 F	mg/L
			trans-1,2-DCE	2.13	µg/L
			Vinyl chloride	0.8 F	µg/L
10C044RW	45 to 70	09/09/05	1,1,2-TCA	0.11 F	µg/L
			Chloroform	0.4	µg/L
			cis-1,2-DCE	9.32	µg/L
			Ethene	0.033 F	µg/L
			Iron, dissolved	0.014 F	mg/L
			Manganese, dissolved	0.0131	mg/L
			Methane	0.181 F	µg/L
			PCE	33.3	µg/L
			Sulfide	2.52	mg/L
			TCE	459	µg/L
			Total organic carbon	0.79 F	mg/L
			trans-1,2-DCE	0.1 F	µg/L
10C045RW	47 to 62	08/15/05	Chloroform	0.16 F	µg/L
			cis-1,2-DCE	26.1	µg/L
			Methane	0.135 F	µg/L
			PCE	1.59	µg/L
			TCE	122	µg/L

TABLE B-2

Summary of Detected Compounds in Well Samples, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Screen Interval (feet bgs)	Date	Analyte	Result	Units
Injection Wells					
10C046RW	45 to 70	09/06/05	1,1-DCE	0.41 F	µg/L
			Chloroform	0.41 F	µg/L
			cis-1,2-DCE	398	µg/L
			Ethene	0.03 F	µg/L
			Methane	0.638 F	µg/L
			PCE	48.6	µg/L
			TCE	592	µg/L
			trans-1,2-DCE	1.56 F	µg/L
10C052RW	45 to 70	09/07/05	1,1,2-TCA	0.09 F	µg/L
			Acetone	13.2	µg/L
			Chloroform	0.12 F	µg/L
			cis-1,2-DCE	63.2	µg/L
			MIBK	32.1	µg/L
			PCE	8.04	µg/L
			TCE	90.7	µg/L
			trans-1,2-DCE	2.31	µg/L
			Vinyl chloride	0.51 F	µg/L

Notes:

Results shown in **bold** exceed the state maximum contaminant level.

µg/L = micrograms per liter

bgs = below ground surface

DCE = dichloroethene

F = The analyte was positively identified, but the associated numerical value is at or below the reporting limit

MIBK = methyl isobutyl ketone

PCE = tetrachloroethylene

TCA = trichloroethane

TABLE B-3

Summary of pH and ORP Measurements in Well Samples, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Location	Date	pH	Conductivity (mS/cm)	Temperature (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mv)	Depth to Water (btoc)	Groundwater Elevation (feet msl)
10C001MW	07/07/05	6.9	0.45	20.5	0.0	1.3	-416	32.2	105.62
10C001MW	08/11/05	7.0	0.43	21.5	0.0	0.5	-267	32.9	104.96
10C001MW	09/16/05	7.1	0.50	20.8	0.0	3.6	-15	32.5	105.36
10C003MW	07/07/05	7.3	0.15	21.4	0.0	3.1	194	38.1	106.37
10C003MW	08/15/05	6.6	0.14	22.9	0.0	7.9	270	38.1	106.39
10C003MW	09/16/05	7.2	0.13	21.4	0.0	9.1	247	38.2	106.32
10C025MW	09/07/05	6.6	0.51	20.4	0.0	--	58	35.5	105.54
10C026MW	09/08/05	6.6	0.30	22.5	0.0	--	81	36.9	105.00
10C030RW	07/08/05	7.0	0.37	20.4	5.6	4.6	341	--	--
10C030RW	08/15/05	6.6	0.38	21.0	1.0	8.2	165	--	--
10C031RW	07/08/05	7.1	0.35	20.3	7.3	4.3	434	--	--
10C031RW	08/15/05	6.6	0.35	20.9	8.0	7.4	314	--	--
10C032RW	07/08/05	7.0	0.32	20.9	0.0	3.1	318	--	--
10C032RW	08/15/05	6.7	0.33	21.9	35.6	5.6	270	--	--
10C033RW	08/12/05	6.4	0.14	21.9	0.0	7.5	247	42.4	105.34
10C035RW	07/07/05	7.6	0.14	22.9	0.0	3.1	171	49.4	104.89
10C035RW	08/15/05	7.5	0.13	22.5	0.0	8.5	202	49.5	104.79
10C035RW	09/16/05	7.5	0.13	22.0	0.0	9.3	197	49.4	104.81
10C040RW	08/12/05	7.9	0.11	21.8	0.0	6.7	236	42.5	105.61
10C042RW	09/08/05	6.2	1.06	20.6	0.7	--	95	36.1	105.27
10C044RW	09/09/05	6.5	0.25	22.9	0.0	--	126	39.2	105.51
10C045RW	07/08/05	7.1	0.18	21.9	0.0	2.5	274	--	--
10C045RW	08/15/05	6.6	0.17	20.3	3.8	6.6	273	--	--
10C046RW	09/06/05	6.3	0.42	21.4	10.4		117	36.7	105.90
10C047MW	07/07/05	7.0	0.43	21.3	0.0	2.8	295	33.8	105.78
10C047MW	08/11/05	7.4	0.39	21.5	0.0	6.7	226	33.8	105.45
10C047MW	09/09/05	--	--	--	--	--	-130	--	--
10C047MW	09/16/05	7.1	0.43	20.8	0.0	5.9	219	33.8	105.41
10C048MW	07/07/05	7.3	0.27	20.8	8.7	2.6	183	39.3	105.64
10C048MW	08/11/05	7.3	0.25	22.5	0.0	7.5	273	39.4	105.17
10C048MW	09/09/05	--	--	--	--	--	115	--	--
10C048MW	09/16/05	6.7	0.37	20.1	0.1	2.7	300	39.3	105.21
10C049MW	07/08/05	7.1	0.33	21.2	0.0	4.4	268	40.4	106.23

TABLE B-3

Summary of pH and ORP Measurements in Well Samples, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California - Site 10 EISB Treatment System Monitoring Data

Location	Date	pH	Conductivity (mS/cm)	Temperature (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mv)	Depth to Water (btoc)	Groundwater Elevation (feet msl)
10C049MW	08/11/05	6.4	0.34	21.3	0.0	8.0	293	40.3	105.49
10C049MW	09/16/05	7.1	0.33	26.1	0.0	8.1	189	40.3	105.47
10C050RW	07/08/05	7.3	0.17	21.8	0.0	5.5	255	29.4	105.01
10C050RW	08/11/05	6.4	0.17	21.9	0.0	9.1	286	29.4	105.02
10C050RW	09/16/05	6.8	0.18	21.7	0.0	8.7	295	29.3	105.12
10C051RW	07/08/05	7.1	0.18	21.5	0.0	6.3	270	35.5	104.63
10C051RW	08/11/05	5.6	0.18	21.5	0.0	9.7	292	35.2	104.89
10C051RW	09/16/05	6.6	0.18	22.0	0.4	9.4	303	35.3	104.82
10C052RW	09/07/05	6.5	0.25	20.6	0.0	--	152	38.1	106.78
10C054RW	07/08/05	7.5	0.21	21.3	0.0	5.7	264	34.2	105.18
10C054RW	08/11/05	6.2	0.20	21.4	0.0	9.2	273	34.2	105.24
10C054RW	09/16/05	6.9	0.21	21.5	4.6	8.3	292	34.2	105.20
10C055RW	07/08/05	7.1	0.36	21.4	0.0	5.2	271	29.1	105.17
10C055RW	08/11/05	6.4	0.38	21.6	0.0	8.5	294	29.0	105.29
10C055RW	09/16/05	6.9	0.42	21.3	5.5	6.8	297	29.1	105.18
10M004MW	07/07/05	7.2	0.79	21.3	0.0	0.0	-167	39.8	105.82
10M004MW	08/15/05	7.2	0.73	23.2	6.0	2.0	-188	39.8	105.81
10M004MW	09/09/05	--	--	--	--	--	-116	--	--
10M004MW	09/16/05	7.3	0.55	21.2	0.0	3.9	-72	40.0	105.61
10M005MW	07/07/05	5.5	0.19	21.0	0.0	5.3	298	30.7	107.07
10M005MW	08/11/05	5.8	0.13	21.6	5.5	6.5	342	30.9	106.85
10M005MW	09/16/05	5.3	0.14	20.8	0.0	6.3	352	31.0	106.74
10M006MW	07/07/05	7.4	0.21	21.0	0.0	2.5	248	--	--
10M006MW	08/15/05	7.6	0.19	21.8	5.2	7.3	223	--	--
10M006MW	09/16/05	6.9	0.29	20.3	0.0	6.1	300	--	--

Notes:

btoc = below top of casing

°C = degrees Celsius

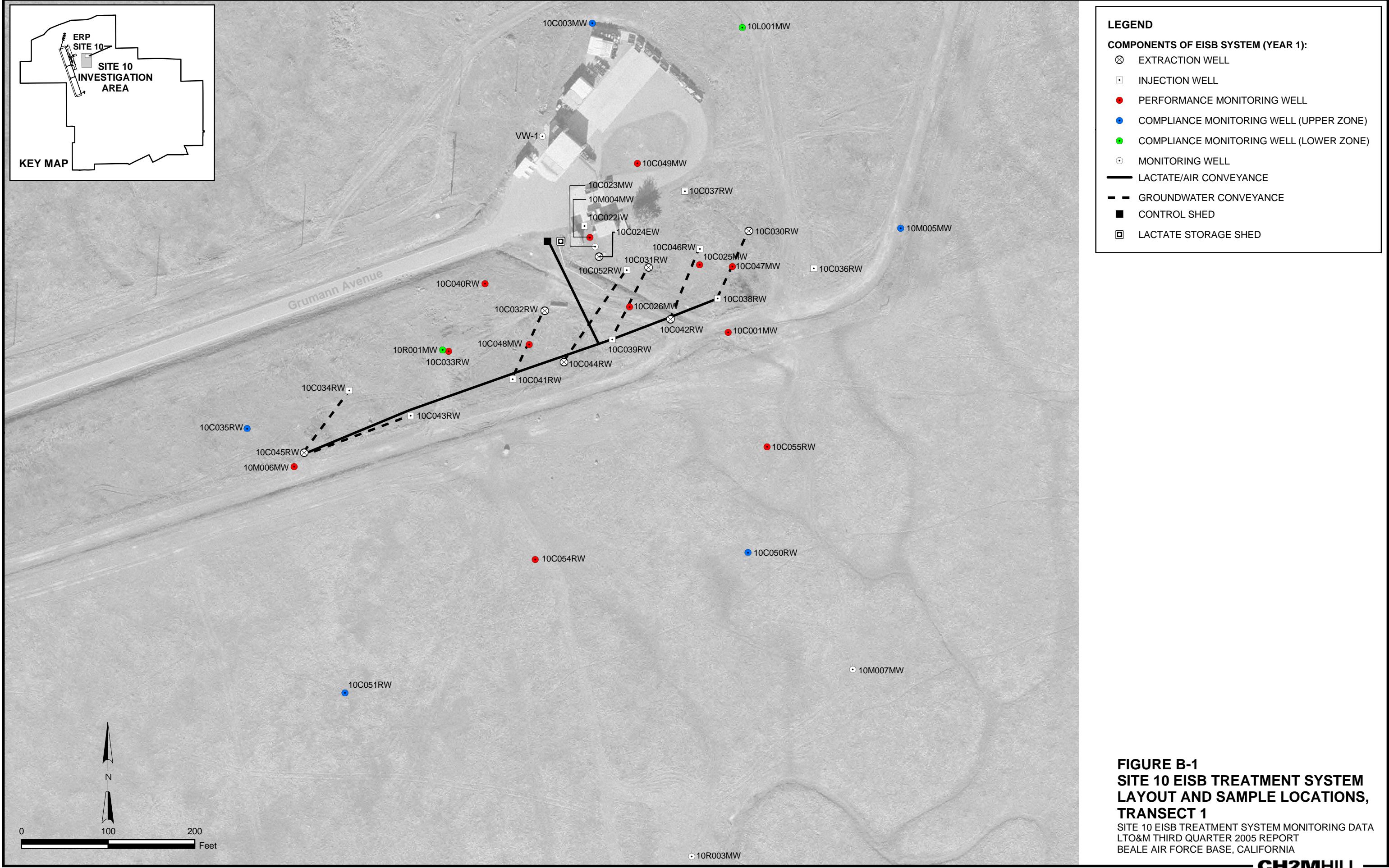
msl = mean sea level

mS/cm = milliSeimen/centimeter

mv = millivolts

NTU = nephelometric turbidity unit

-- = data not collected



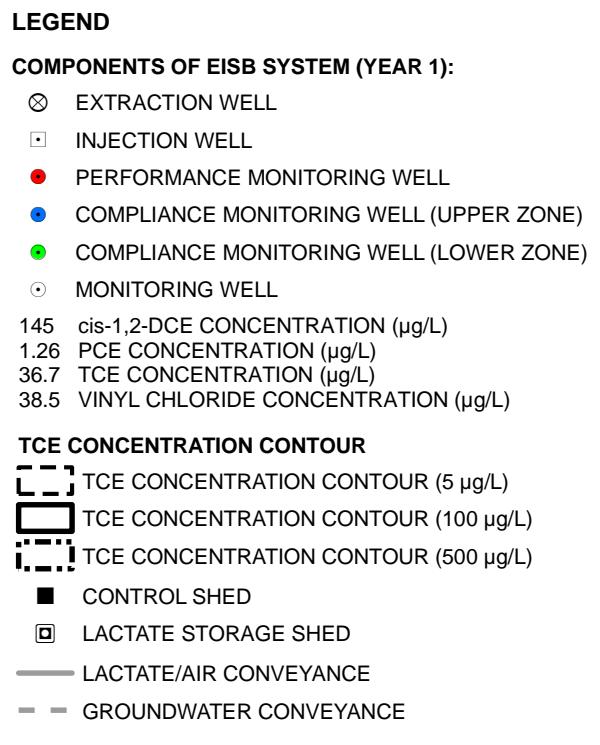
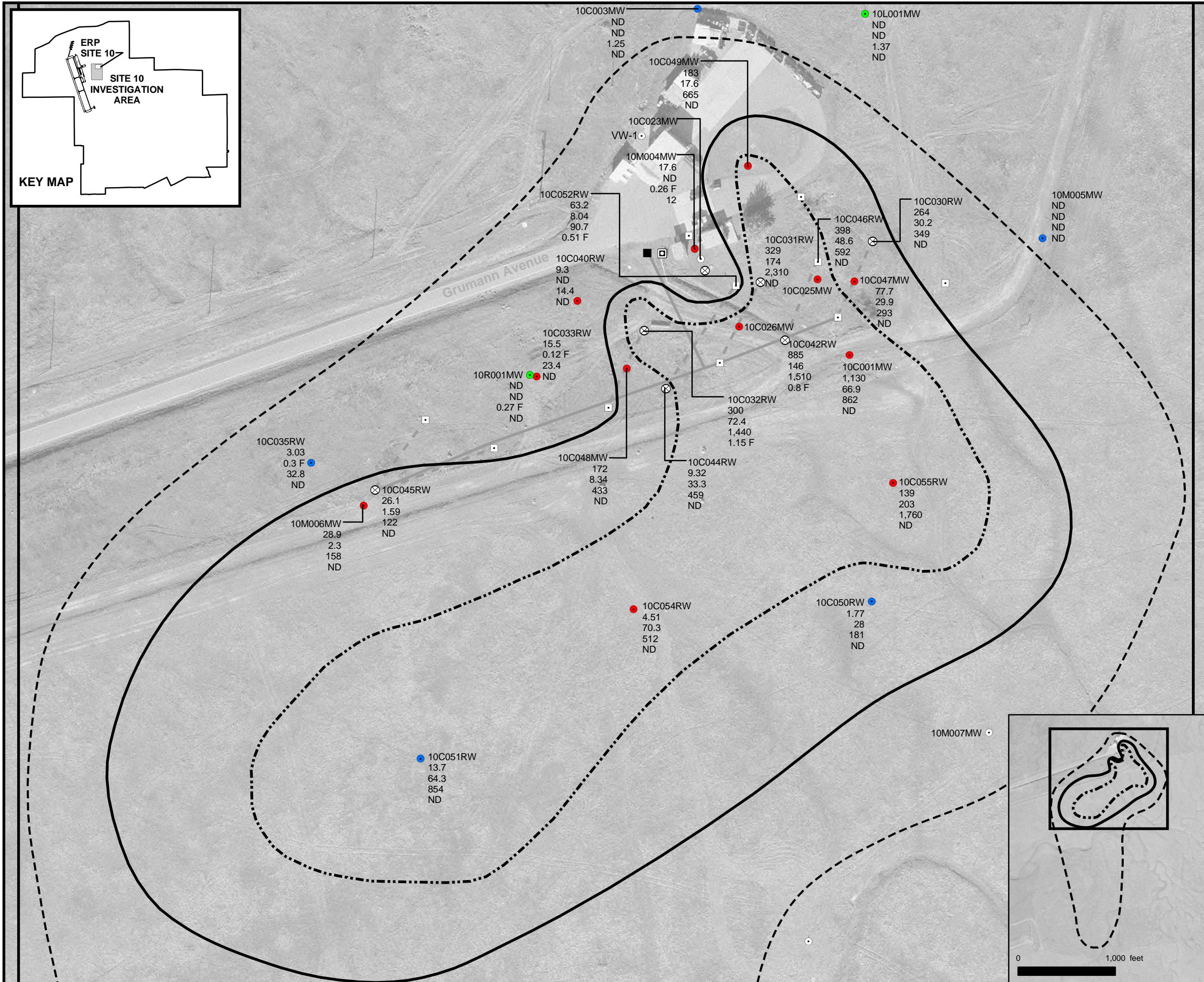
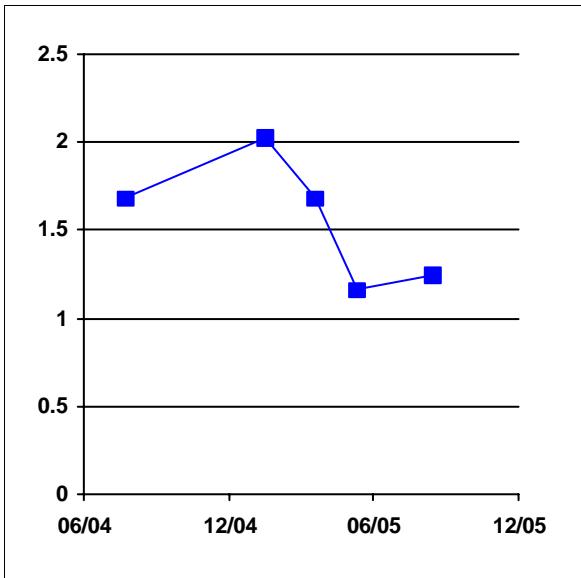


FIGURE B-2
RESULTS OF THIRD QUARTER 2005
SAMPLING

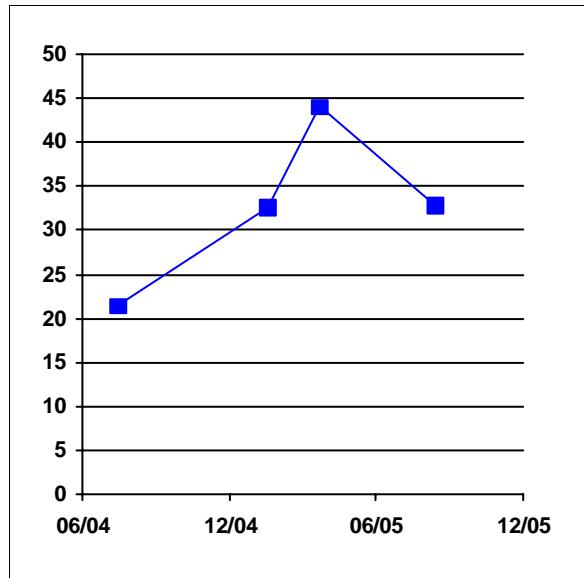
SITE 10 EISB TREATMENT SYSTEM MONITORING DATA
LTO&M THIRD QUARTER 2005 REPORT
BEALE AIR FORCE BASE, CALIFORNIA

Attachment B1
Time Series Plots of Selected Analytical Data -
Third Quarter 2005



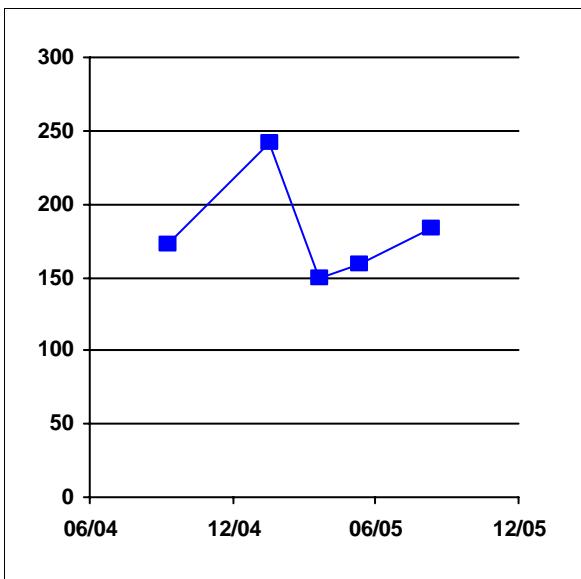
Location: 10C003MW

Maximum Value: 2.03



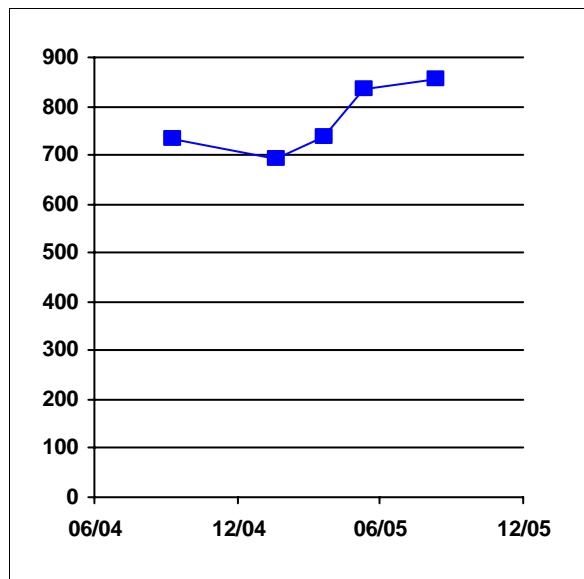
Location: 10C035RW

Maximum Value: 44.2



Location: 10C050RW

Maximum Value: 242



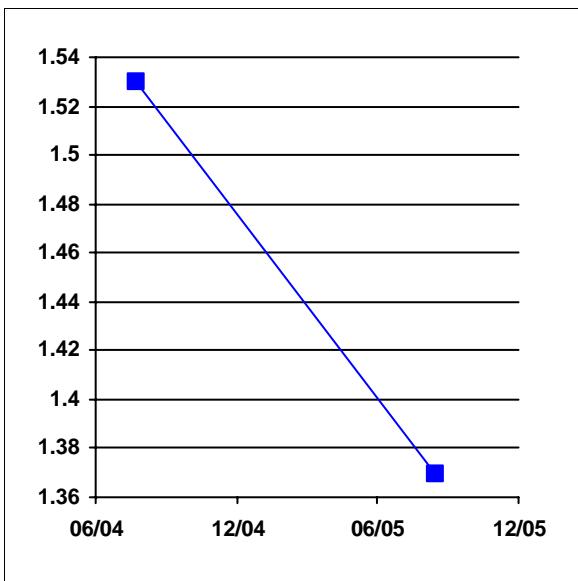
Location: 10C051RW

Maximum Value: 854

NOTES:

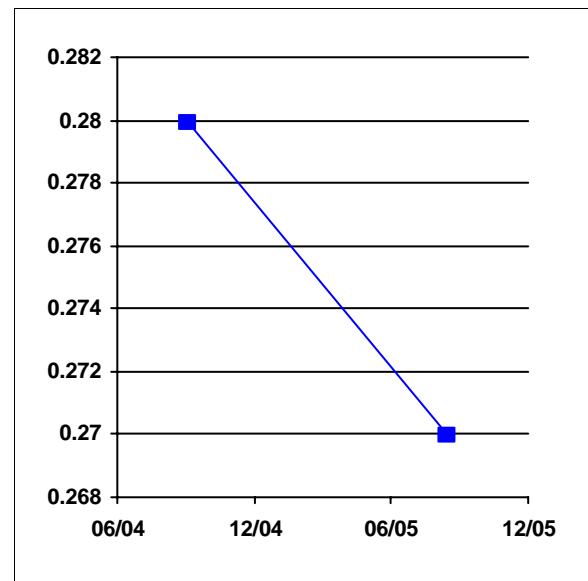
1. AN OPEN SYMBOL REPRESENTS A NONDETECT VALUE.
2. TCE VALUES REPRESENT CONCENTRATIONS IN GROUNDWATER (MICROGRAMS PER LITER).

ATTACHMENT B1-1 (PAGE 1 of 2)
TCE CONCENTRATION VERSUS TIME AT SITE 10 COMPLIANCE WELLS
 SITE 10 EISB TREATMENT SYSTEM MONITORING DATA
 LTO&M THIRD QUARTER 2005 REPORT
 BEALE AIR FORCE BASE, CALIFORNIA



Location: 10L001MW

Maximum Value: 1.53



Location: 10R001MW

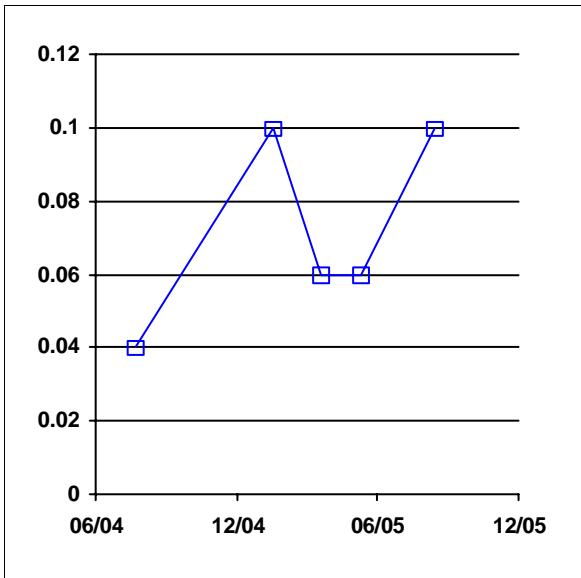
Maximum Value: 0.28

NOTES:

1. AN OPEN SYMBOL REPRESENTS A NONDETECT VALUE.
2. TCE VALUES REPRESENT CONCENTRATIONS IN GROUNDWATER (MICROGRAMS PER LITER).

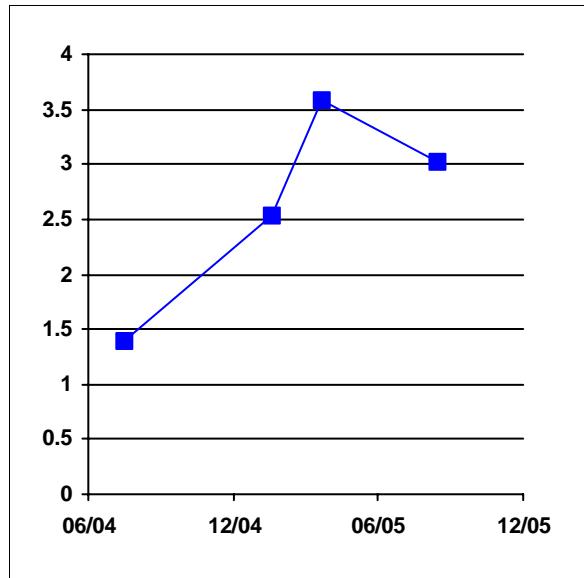
ATTACHMENT B1-1 (PAGE 2 of 2) TCE CONCENTRATION VERSUS TIME AT SITE 10 COMPLIANCE WELLS

SITE 10 EISB TREATMENT SYSTEM MONITORING DATA
LTO&M THIRD QUARTER 2005 REPORT
BEALE AIR FORCE BASE, CALIFORNIA



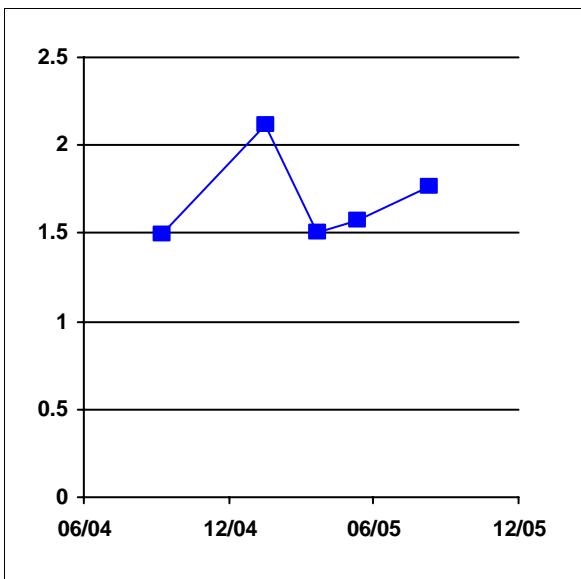
Location: 10C003MW

Maximum Value: 0.1



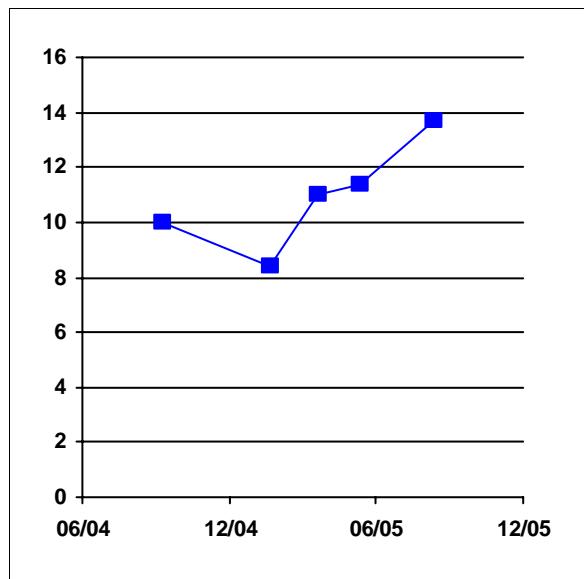
Location: 10C035RW

Maximum Value: 3.59



Location: 10C050RW

Maximum Value: 2.12



Location: 10C051RW

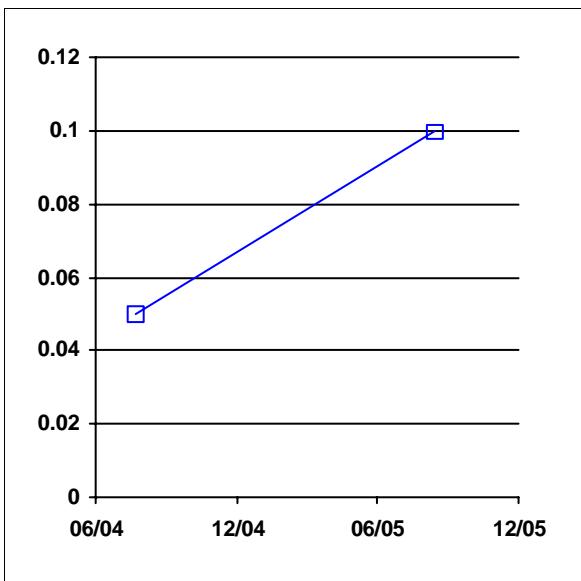
Maximum Value: 13.7

NOTES:

1. AN OPEN SYMBOL REPRESENTS A NONDETECT VALUE.
2. CIS-1,2-DCE VALUES REPRESENT CONCENTRATIONS IN GROUNDWATER (MICROGRAMS PER LITER).

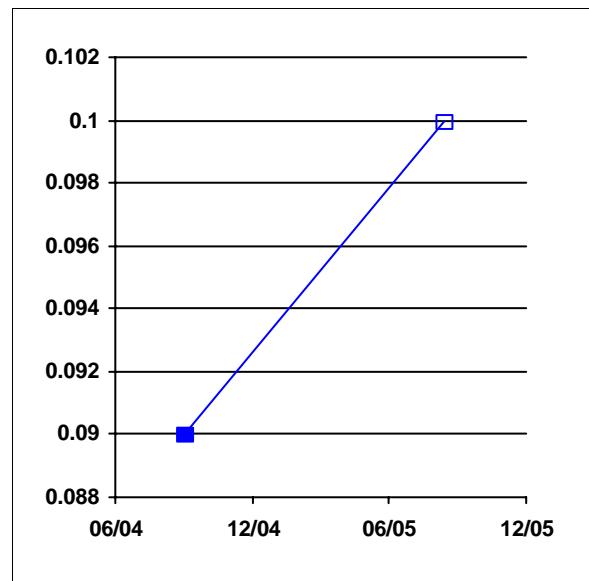
ATTACHMENT B1-2 (PAGE 1 of 2) CIS-1,2-DCE CONCENTRATION VERSUS TIME AT SITE 10 COMPLIANCE WELLS

SITE 10 EISB TREATMENT SYSTEM MONITORING DATA
LTO&M THIRD QUARTER 2005 REPORT
BEALE AIR FORCE BASE, CALIFORNIA



Location: 10L001MW

Maximum Value: 0.1



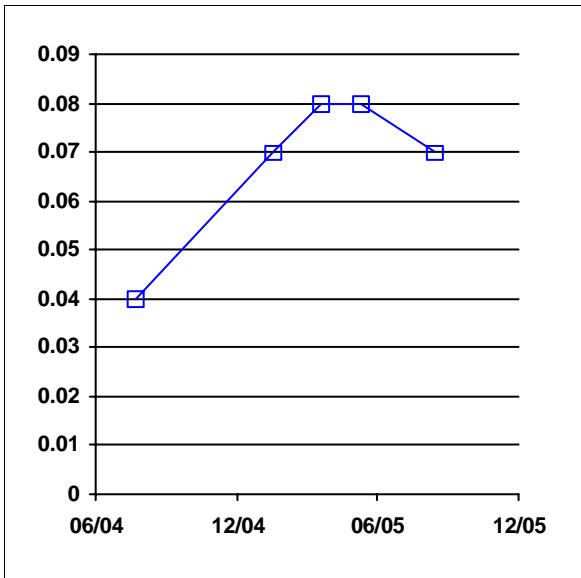
Location: 10R001MW

Maximum Value: 0.1

NOTES:

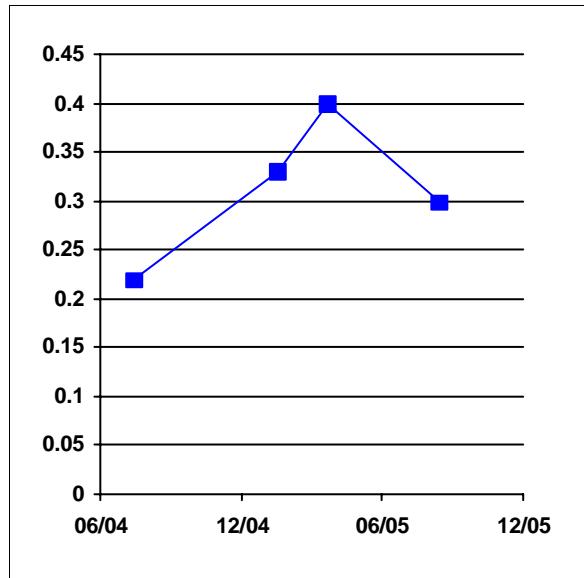
1. AN OPEN SYMBOL REPRESENTS A NONDETECT VALUE.
2. CIS-1,2-DCE VALUES REPRESENT CONCENTRATIONS IN GROUNDWATER (MICROGRAMS PER LITER).

**ATTACHMENT B1-2 (PAGE 2 of 2)
CIS-1,2-DCE CONCENTRATION VERSUS
TIME AT SITE 10 COMPLIANCE WELLS
SITE 10 EISB TREATMENT SYSTEM MONITORING DATA
LTO&M THIRD QUARTER 2005 REPORT
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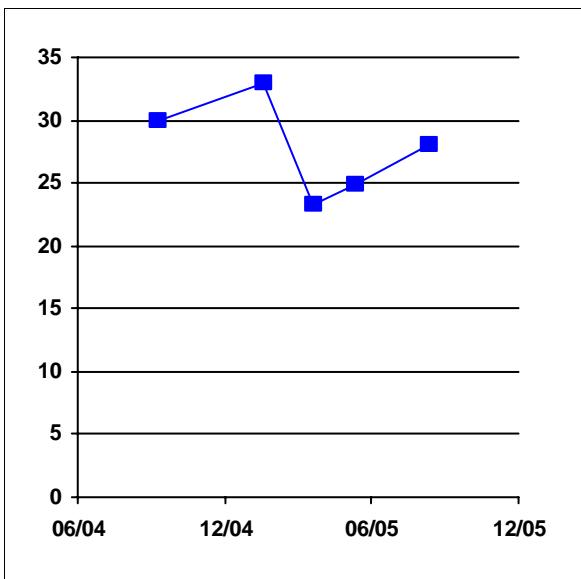
Location: 10C003MW

Maximum Value: 0.08



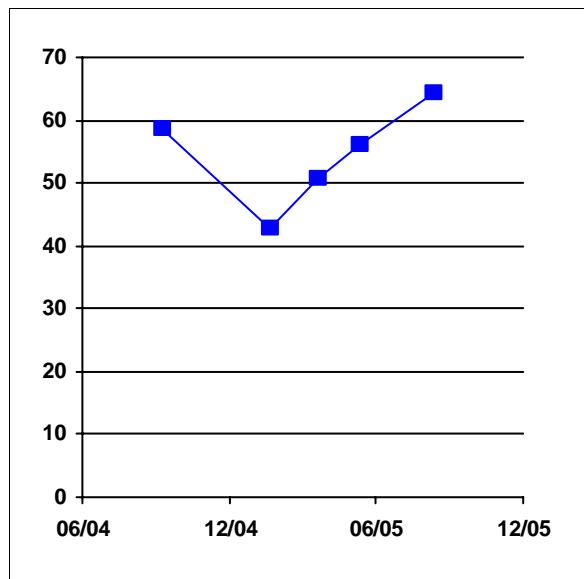
Location: 10C035RW

Maximum Value: 0.4



Location: 10C050RW

Maximum Value: 32.9



Location: 10C051RW

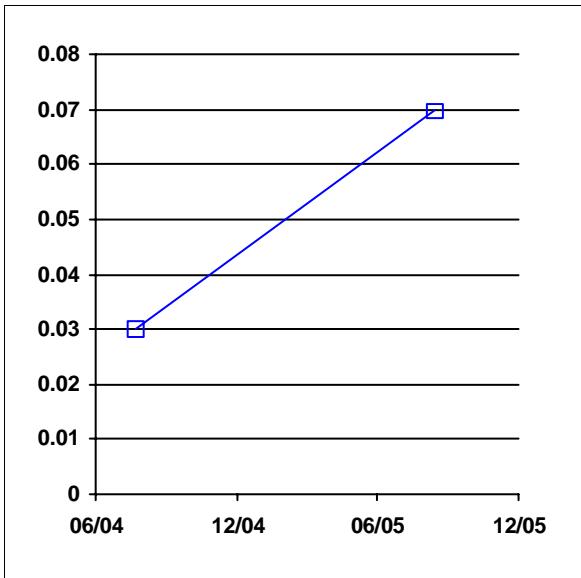
Maximum Value: 64.3

NOTES:

1. AN OPEN SYMBOL REPRESENTS A NONDETECT VALUE.
2. PCE VALUES REPRESENT CONCENTRATIONS IN GROUNDWATER (MICROGRAMS PER LITER).

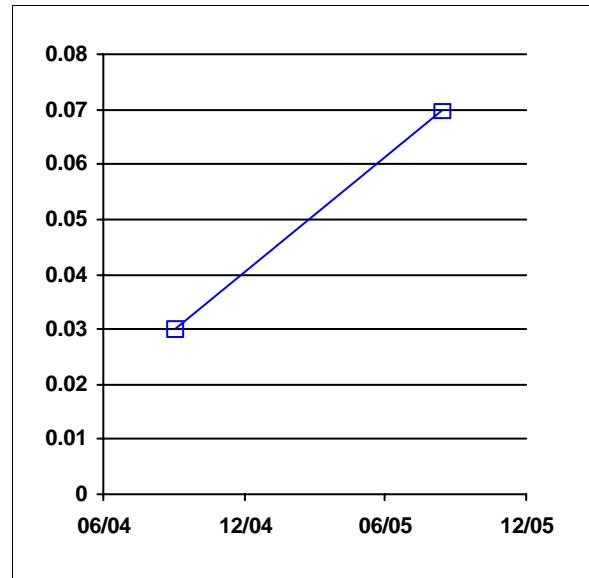
ATTACHMENT B1-2 (PAGE 1 of 2) PCE CONCENTRATION VERSUS TIME AT SITE 10 COMPLIANCE WELLS

SITE 10 EISB TREATMENT SYSTEM MONITORING DATA
LTO&M THIRD QUARTER 2005 REPORT
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Location: 10L001MW

Maximum Value: 0.07



Location: 10R001MW

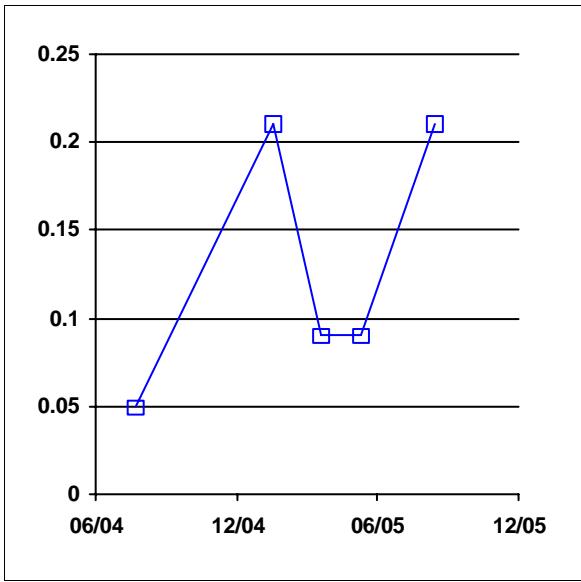
Maximum Value: 0.07

NOTES:

1. AN OPEN SYMBOL REPRESENTS A NONDETECT VALUE.
2. PCE VALUES REPRESENT CONCENTRATIONS IN GROUNDWATER (MICROGRAMS PER LITER).

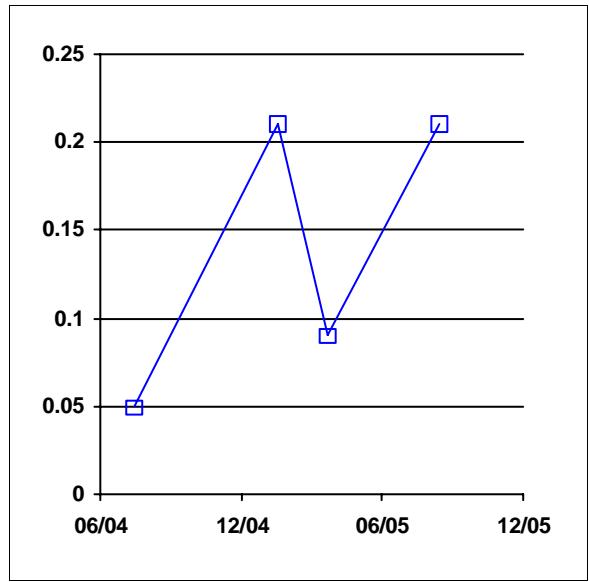
ATTACHMENT B1-2 (PAGE 2 of 2) PCE CONCENTRATION VERSUS TIME AT SITE 10 COMPLIANCE WELLS

SITE 10 EISB TREATMENT SYSTEM MONITORING DATA
LTO&M THIRD QUARTER 2005 REPORT
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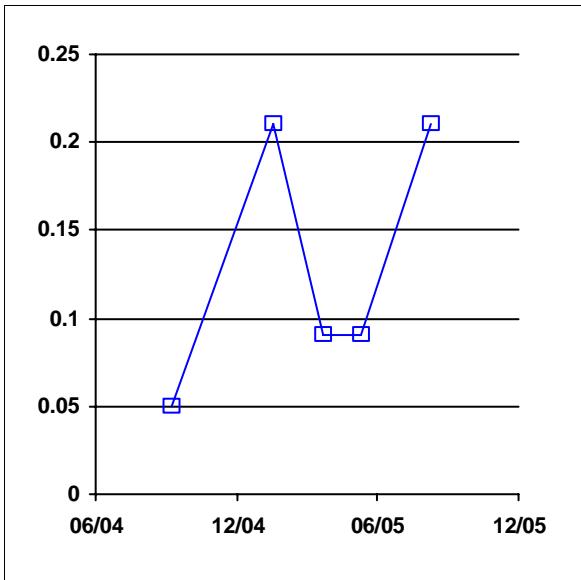
Location: 10C003MW

Maximum Value: 0.21



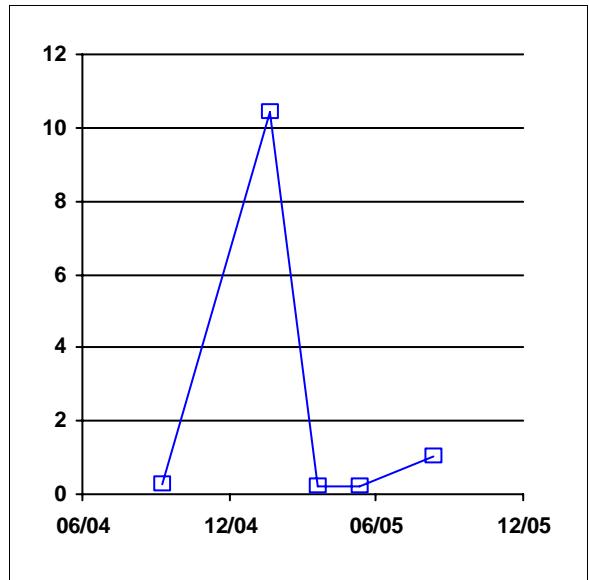
Location: 10C035RW

Maximum Value: 0.21



Location: 10C050RW

Maximum Value: 0.21



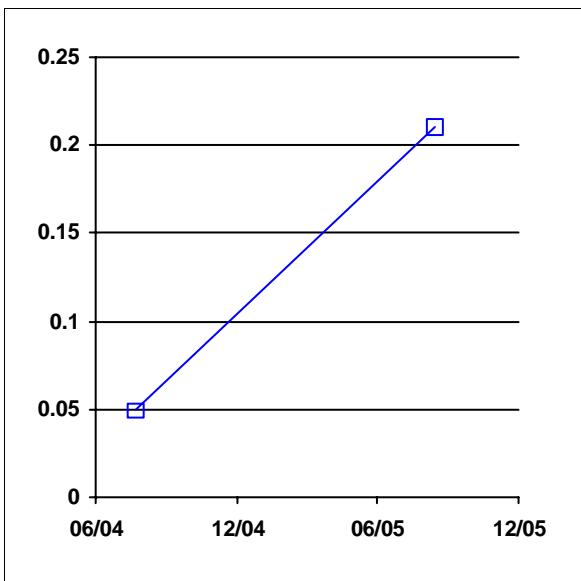
Location: 10C051RW

Maximum Value: 10.4

NOTES:

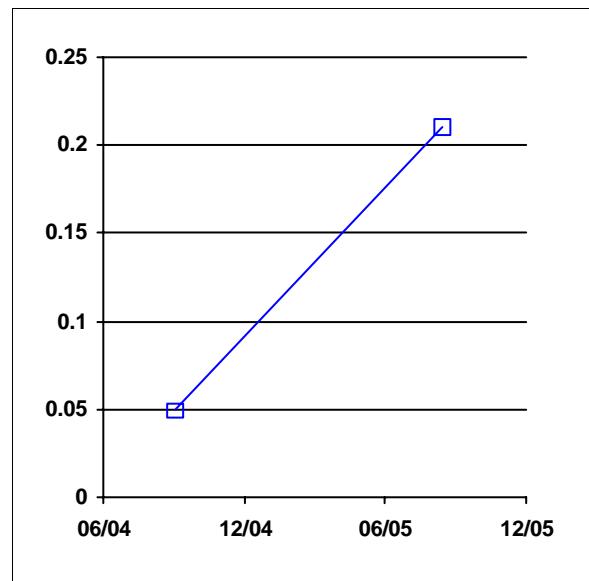
1. AN OPEN SYMBOL REPRESENTS A NONDETECT VALUE.
2. VINYL CHLORIDE VALUES REPRESENT CONCENTRATIONS IN GROUNDWATER (MICROGRAMS PER LITER).

**ATTACHMENT B1-2 (PAGE 1 of 2)
VINYL CHLORIDE CONCENTRATION VERSUS
TIME AT SITE 10 COMPLIANCE WELLS**
SITE 10 EISB TREATMENT SYSTEM MONITORING DATA
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Location: 10L001MW

Maximum Value: 0.21



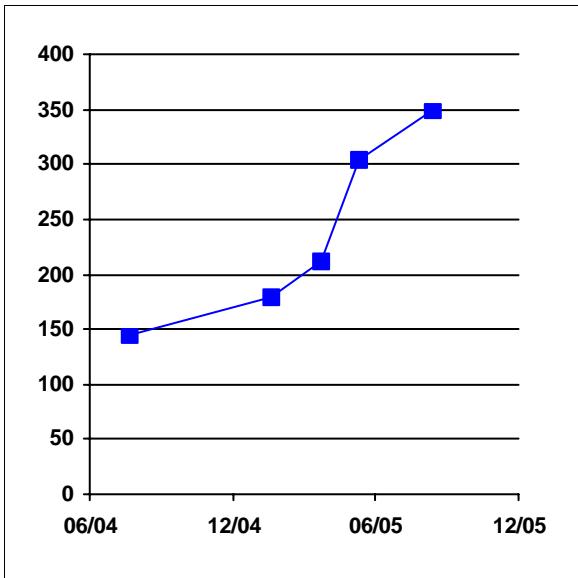
Location: 10R001MW

Maximum Value: 0.21

NOTES:

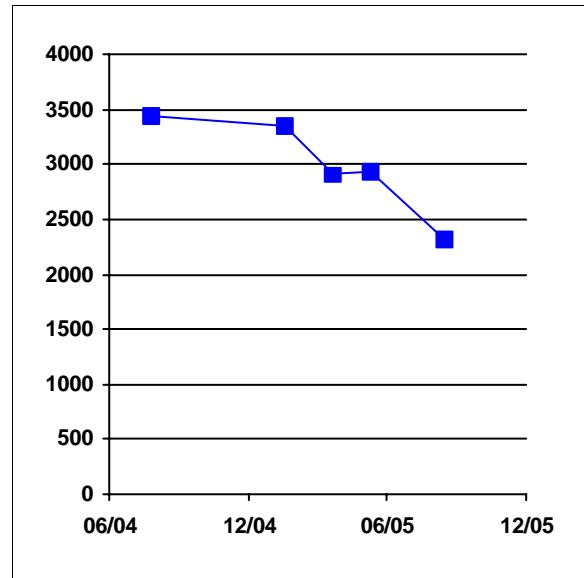
1. AN OPEN SYMBOL REPRESENTS A NONDETECT VALUE.
2. VINYL CHLORIDE VALUES REPRESENT CONCENTRATIONS IN GROUNDWATER (MICROGRAMS PER LITER).

**ATTACHMENT B1-2 (PAGE 2 of 2)
VINYL CHLORIDE CONCENTRATION VERSUS
TIME AT SITE 10 COMPLIANCE WELLS**
SITE 10 EISB TREATMENT SYSTEM MONITORING DATA
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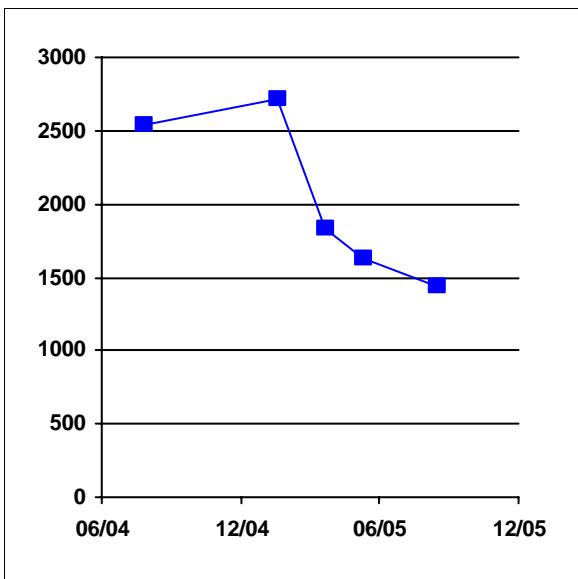
Location: 10C030RW

Maximum Value: 349



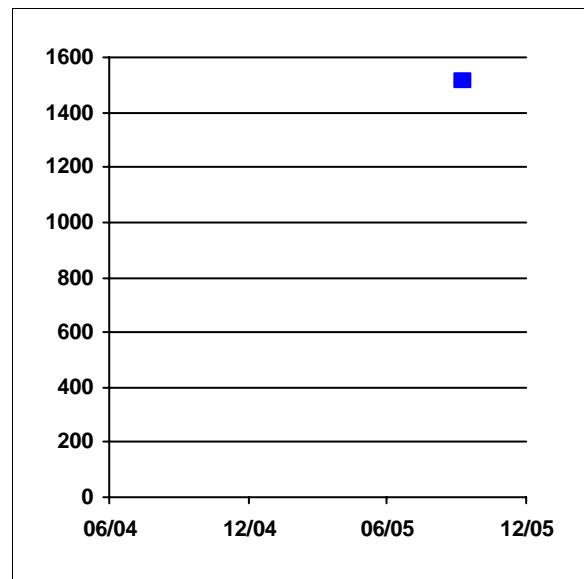
Location: 10C031RW

Maximum Value: 3440



Location: 10C032RW

Maximum Value: 2720



Location: 10C042RW

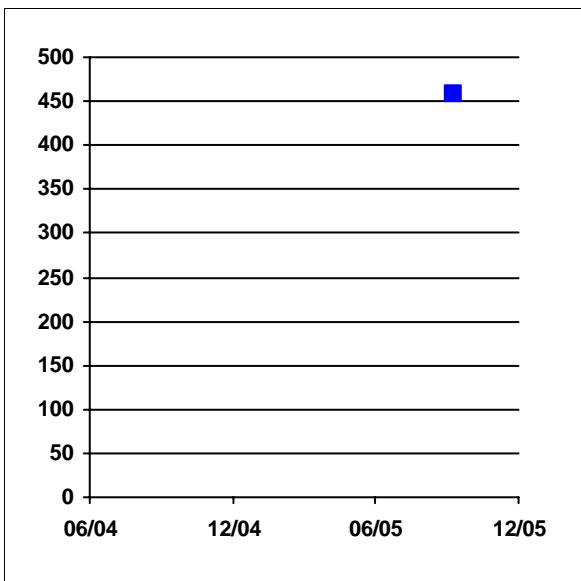
Maximum Value: 1510

NOTES:

1. AN OPEN SYMBOL REPRESENTS A NONDETECT VALUE.
2. TCE VALUES REPRESENT CONCENTRATIONS IN GROUNDWATER (MICROGRAMS PER LITER).

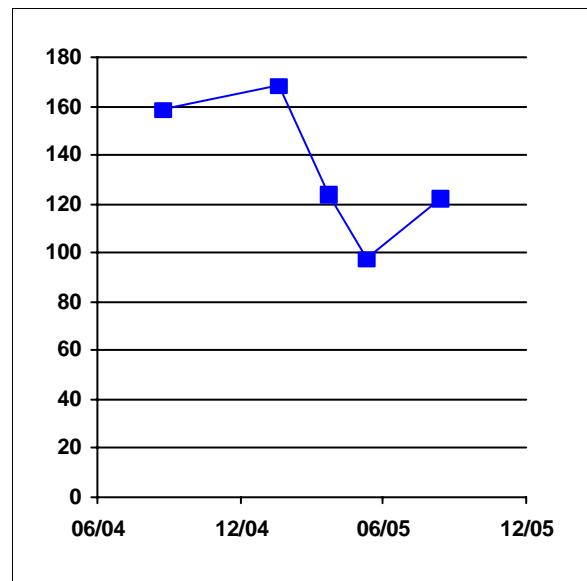
ATTACHMENT B1-3 (PAGE 1 of 2) TCE CONCENTRATION VERSUS TIME AT SITE 10 WELLS

SITE 10 EISB TREATMENT SYSTEM MONITORING DATA
LTO&M THIRD QUARTER 2005 REPORT
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Location: 10C044RW

Maximum Value: 459



Location: 10C045RW

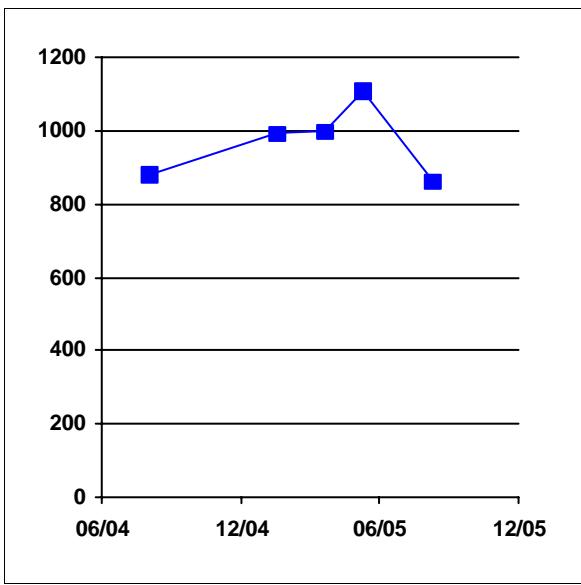
Maximum Value: 169

NOTES:

1. AN OPEN SYMBOL REPRESENTS A NONDETECT VALUE.
2. TCE VALUES REPRESENT CONCENTRATIONS IN GROUNDWATER (MICROGRAMS PER LITER).

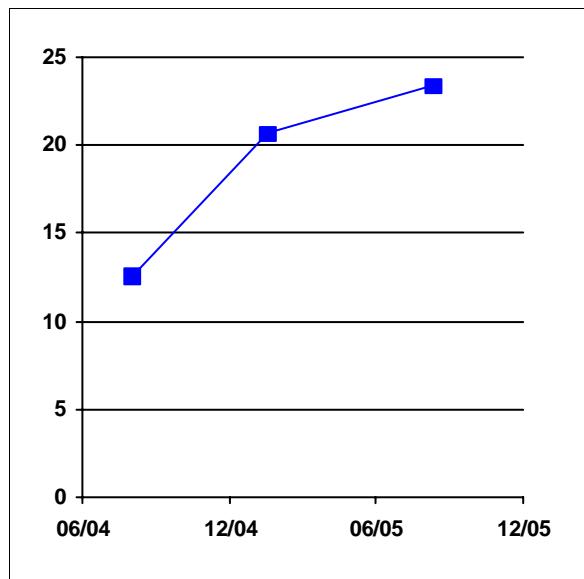
ATTACHMENT B1-3 (PAGE 2 of 2) TCE CONCENTRATION VERSUS TIME AT SITE 10 WELLS

SITE 10 EISB TREATMENT SYSTEM MONITORING DATA
LTO&M THIRD QUARTER 2005 REPORT
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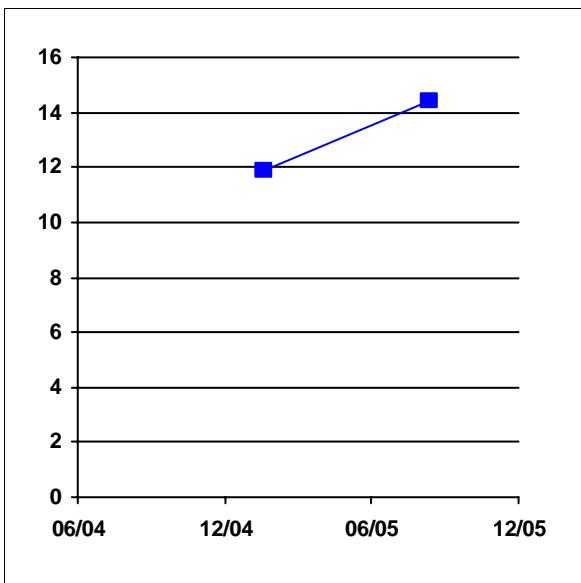
Location: 10C001MW

Maximum Value: 1110



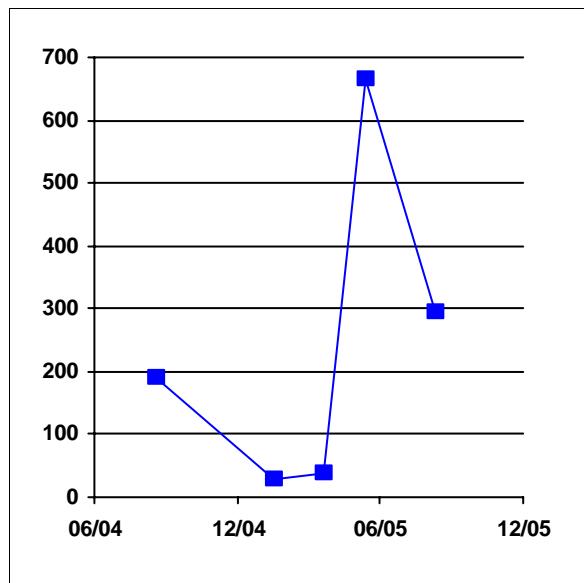
Location: 10C033RW

Maximum Value: 23.4



Location: 10C040RW

Maximum Value: 14.4



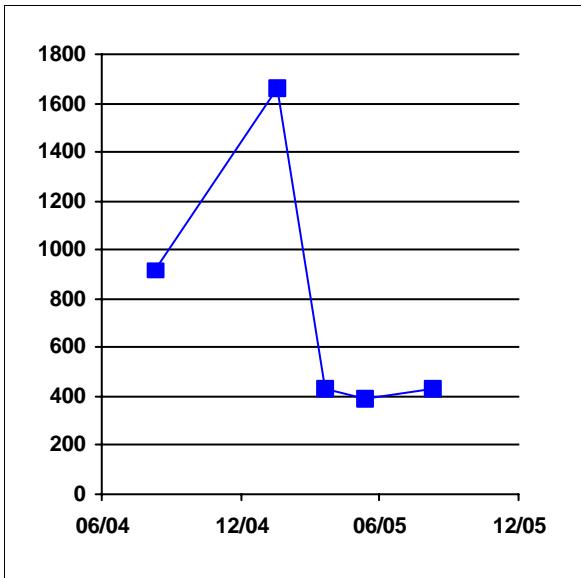
Location: 10C047MW

Maximum Value: 664

NOTES:

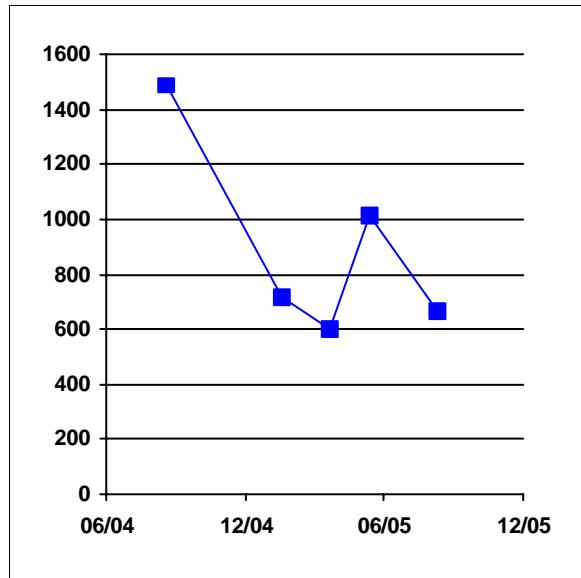
1. AN OPEN SYMBOL REPRESENTS A NONDETECT VALUE.
2. TCE VALUES REPRESENT CONCENTRATIONS IN GROUNDWATER (MICROGRAMS PER LITER).

ATTACHMENT B1-3 (PAGE 1 of 3) TCE CONCENTRATION VERSUS TIME AT SITE 10 PERFORMANCE WELLS SITE 10 EISB TREATMENT SYSTEM MONITORING DATA LTO&M THIRD QUARTER 2005 REPORT BEALE AIR FORCE BASE, CALIFORNIA



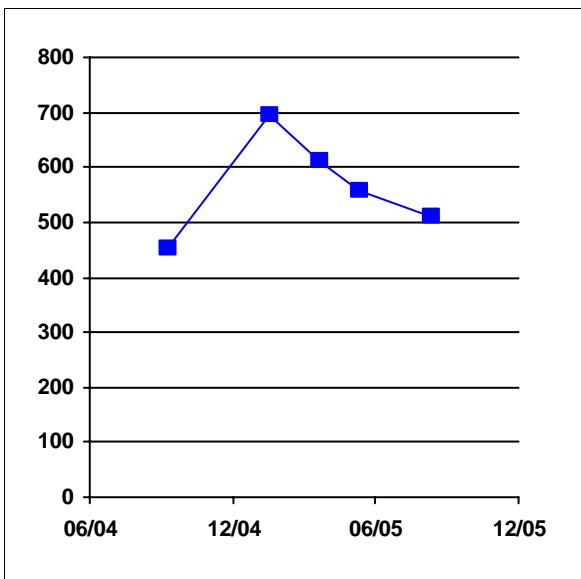
Location: 10C048MW

Maximum Value: 1660



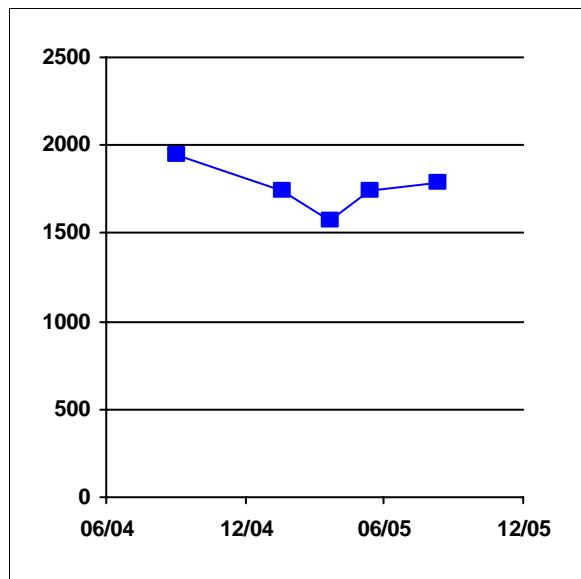
Location: 10C049MW

Maximum Value: 1490



Location: 10C054RW

Maximum Value: 696



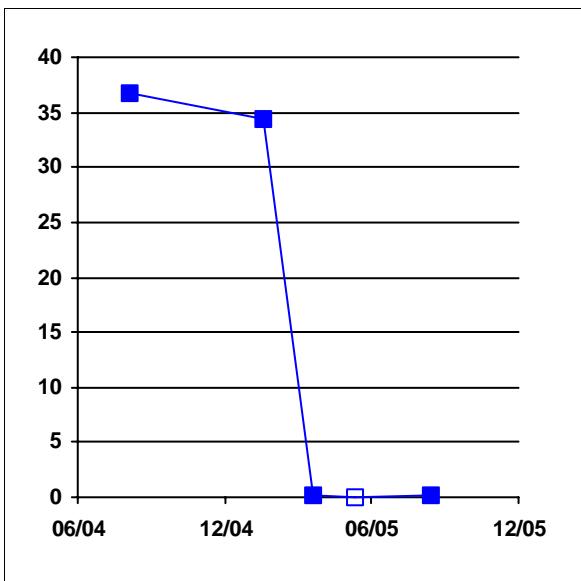
Location: 10C055RW

Maximum Value: 1950

NOTES:

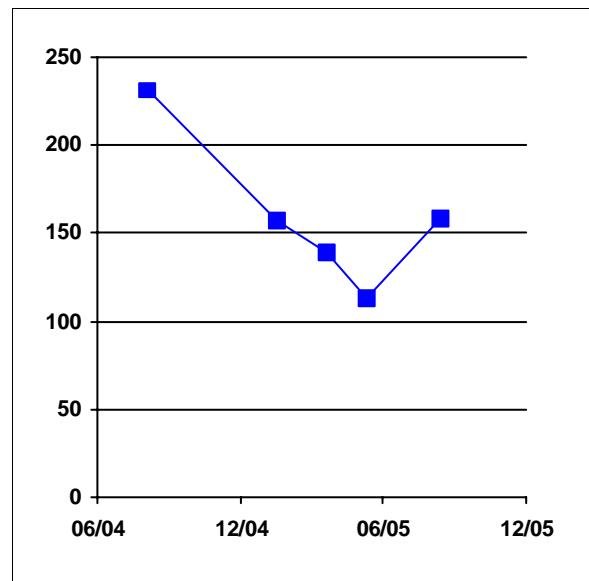
1. AN OPEN SYMBOL REPRESENTS A NONDETECT VALUE.
2. TCE VALUES REPRESENT CONCENTRATIONS IN GROUNDWATER (MICROGRAMS PER LITER).

ATTACHMENT B1-3 (PAGE 2 of 3)
TCE CONCENTRATION VERSUS TIME AT SITE 10 PERFORMANCE WELLS
 SITE 10 EISB TREATMENT SYSTEM MONITORING DATA
 LTO&M THIRD QUARTER 2005 REPORT
 BEALE AIR FORCE BASE, CALIFORNIA



Location: 10M004MW

Maximum Value: 36.7



Location: 10M006MW

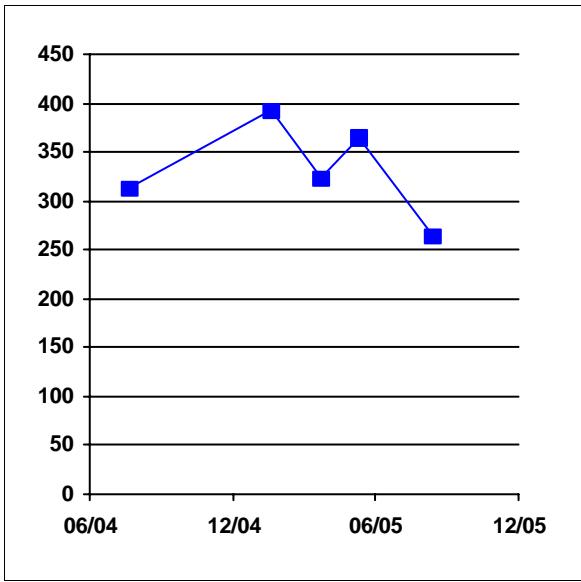
Maximum Value: 232

NOTES:

1. AN OPEN SYMBOL REPRESENTS A NONDETECT VALUE.
2. TCE VALUES REPRESENT CONCENTRATIONS IN GROUNDWATER (MICROGRAMS PER LITER).

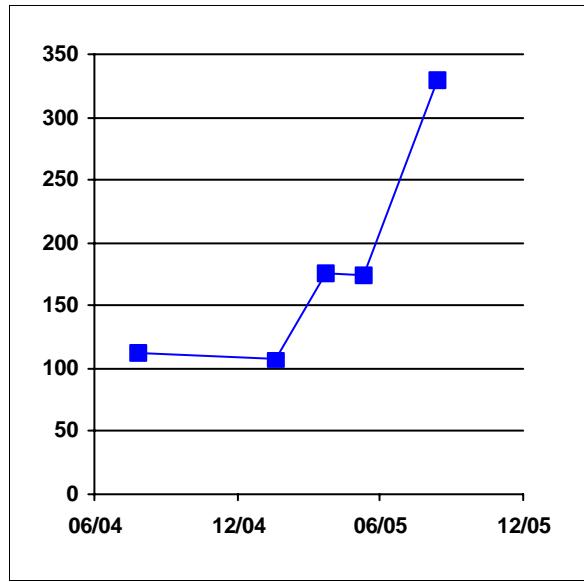
ATTACHMENT B1-3 (PAGE 3 of 3) TCE CONCENTRATION VERSUS TIME AT SITE 10 PERFORMANCE WELLS

SITE 10 EISB TREATMENT SYSTEM MONITORING DATA
LTO&M THIRD QUARTER 2005 REPORT
BEALE AIR FORCE BASE, CALIFORNIA



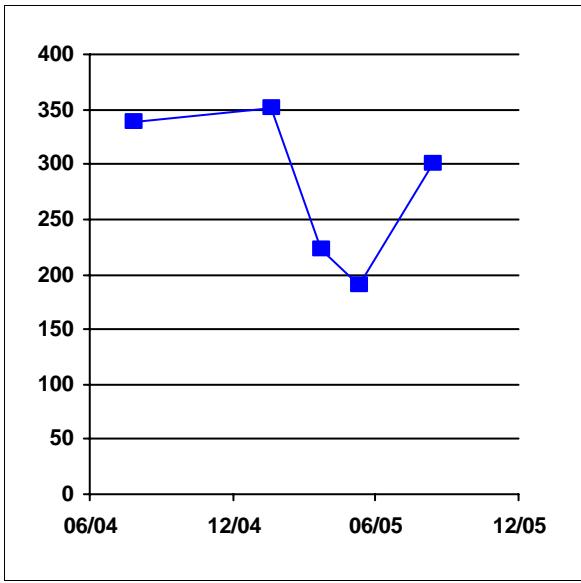
Location: 10C030RW

Maximum Value: 393



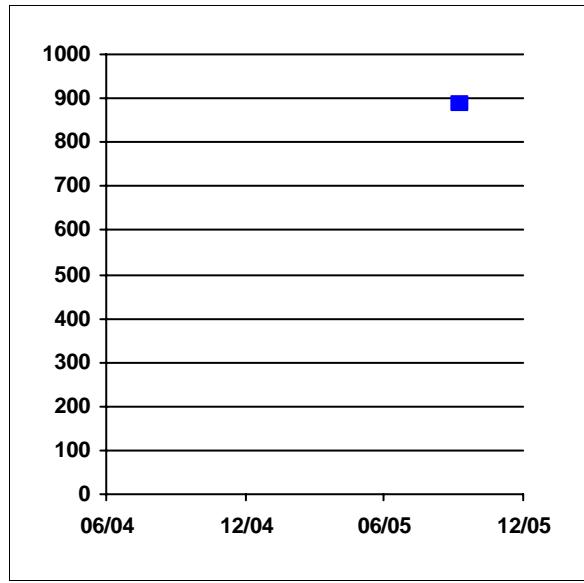
Location: 10C031RW

Maximum Value: 329



Location: 10C032RW

Maximum Value: 351



Location: 10C042RW

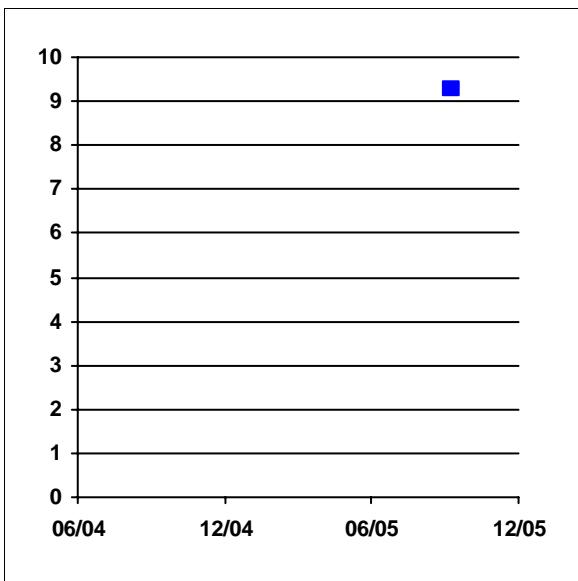
Maximum Value: 885

NOTES:

1. AN OPEN SYMBOL REPRESENTS A NONDETECT VALUE.
2. CIS-1,2-DCE VALUES REPRESENT CONCENTRATIONS IN GROUNDWATER (MICROGRAMS PER LITER).

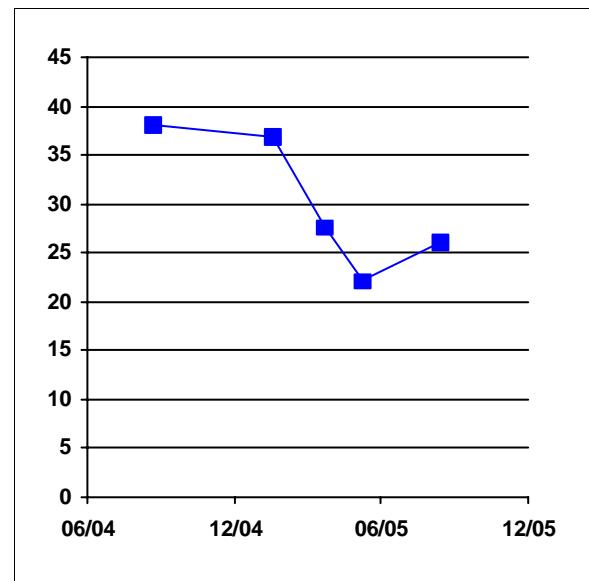
ATTACHMENT B1-4 (PAGE 1 of 2) CIS-1,2-DCE CONCENTRATION VERSUS TIME AT SITE 10 WELLS

SITE 10 EISB TREATMENT SYSTEM MONITORING DATA
LTO&M THIRD QUARTER 2005 REPORT
BEALE AIR FORCE BASE, CALIFORNIA



Location: 10C044RW

Maximum Value: 9.32



Location: 10C045RW

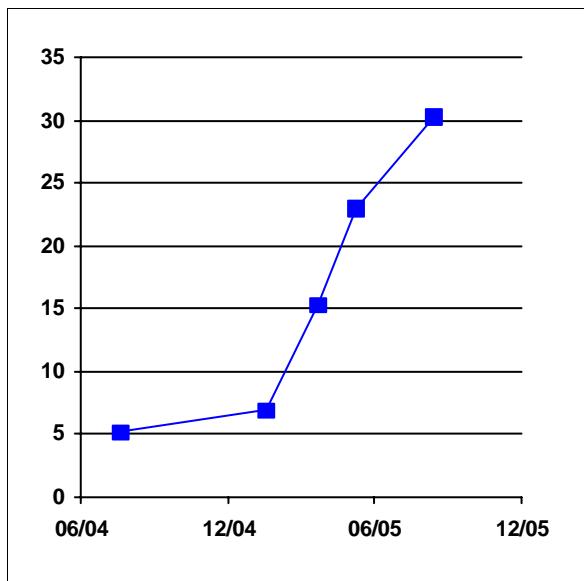
Maximum Value: 38.1

NOTES:

1. AN OPEN SYMBOL REPRESENTS A NONDETECT VALUE.
2. CIS-1,2-DCE VALUES REPRESENT CONCENTRATIONS IN GROUNDWATER (MICROGRAMS PER LITER).

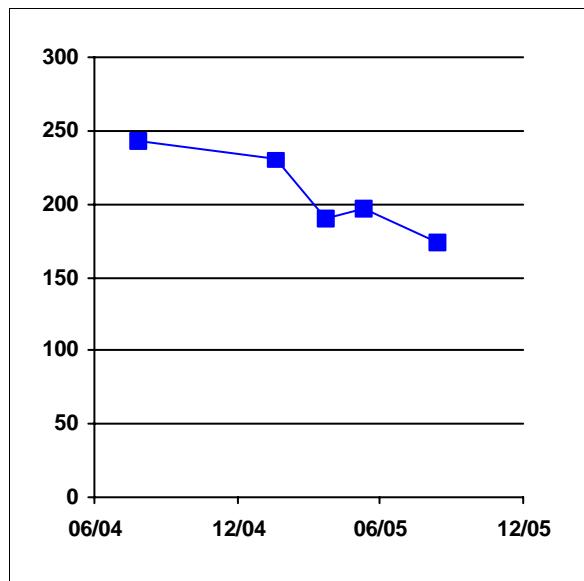
ATTACHMENT B1-4 (PAGE 2 of 2) CIS-1,2-DCE CONCENTRATION VERSUS TIME AT SITE 10 WELLS

SITE 10 EISB TREATMENT SYSTEM MONITORING DATA
LTO&M THIRD QUARTER 2005 REPORT
BEALE AIR FORCE BASE, CALIFORNIA



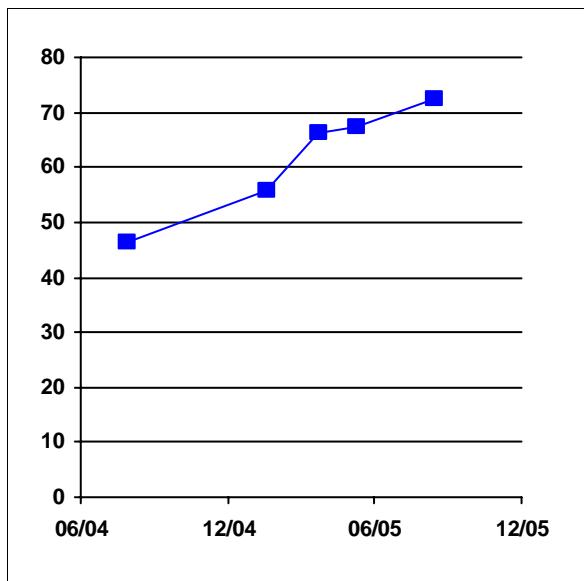
Location: 10C030RW

Maximum Value: 30.2



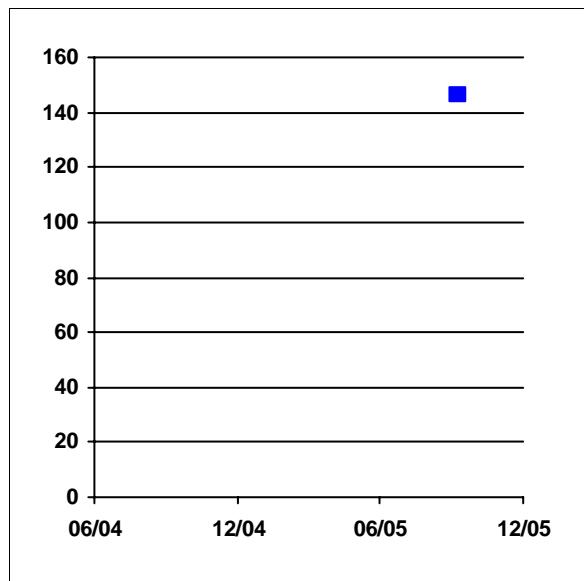
Location: 10C031RW

Maximum Value: 243



Location: 10C032RW

Maximum Value: 72.4



Location: 10C042RW

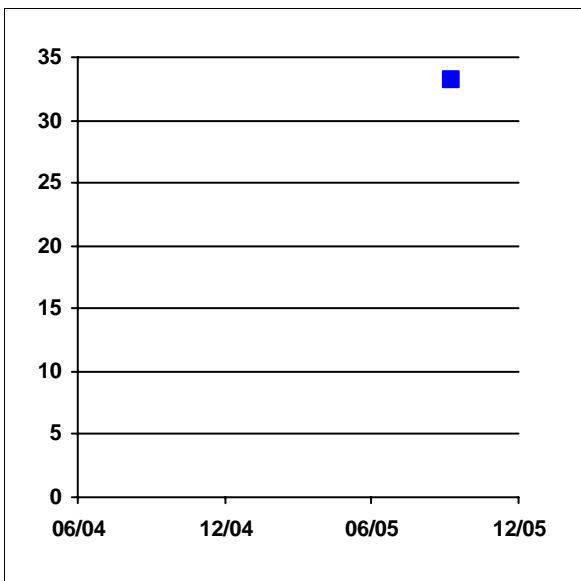
Maximum Value: 146

NOTES:

1. AN OPEN SYMBOL REPRESENTS A NONDETECT VALUE.
2. PCE VALUES REPRESENT CONCENTRATIONS IN GROUNDWATER (MICROGRAMS PER LITER).

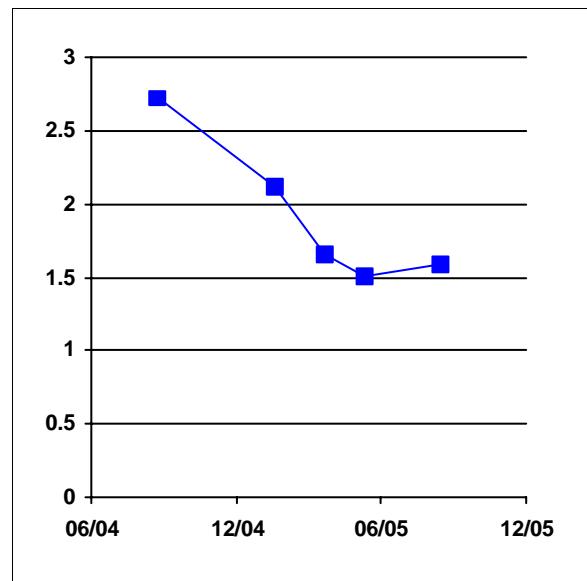
ATTACHMENT B1-4 (PAGE 1 of 2) PCE CONCENTRATION VERSUS TIME AT SITE 10 WELLS

SITE 10 EISB TREATMENT SYSTEM MONITORING DATA
LTO&M THIRD QUARTER 2005 REPORT
BEALE AIR FORCE BASE, CALIFORNIA



Location: 10C044RW

Maximum Value: 33.3



Location: 10C045RW

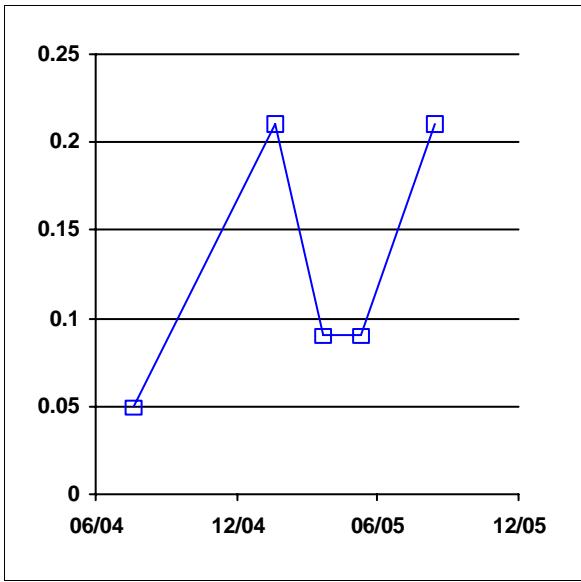
Maximum Value: 2.73

NOTES:

1. AN OPEN SYMBOL REPRESENTS A NONDETECT VALUE.
2. PCE VALUES REPRESENT CONCENTRATIONS IN GROUNDWATER (MICROGRAMS PER LITER).

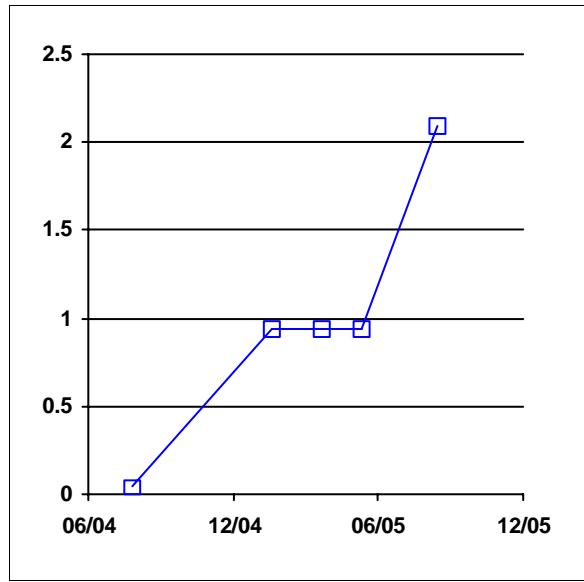
**ATTACHMENT B1-4 (PAGE 2 of 2)
PCE CONCENTRATION VERSUS
TIME AT SITE 10 WELLS**

SITE 10 EISB TREATMENT SYSTEM MONITORING DATA
LTO&M THIRD QUARTER 2005 REPORT
BEALE AIR FORCE BASE, CALIFORNIA



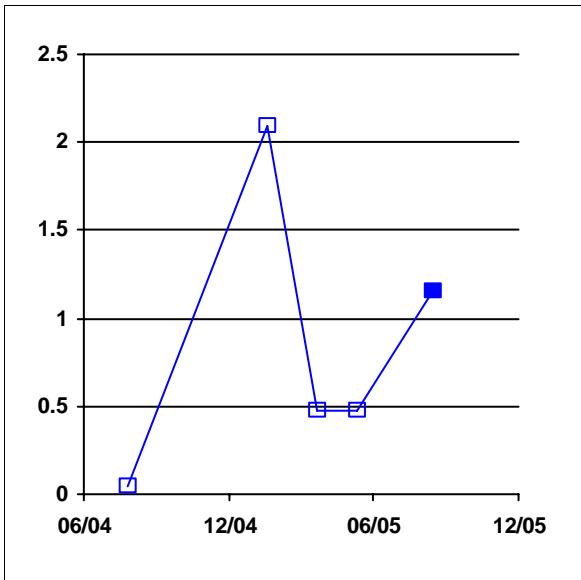
Location: 10C030RW

Maximum Value: 0.21



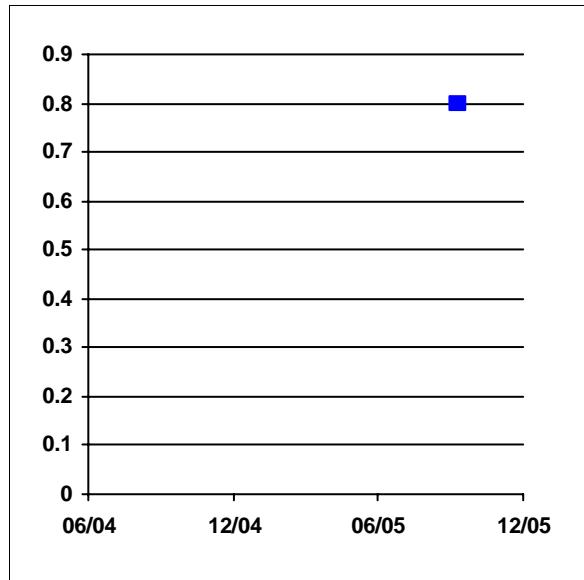
Location: 10C031RW

Maximum Value: 2.09



Location: 10C032RW

Maximum Value: 2.09



Location: 10C042RW

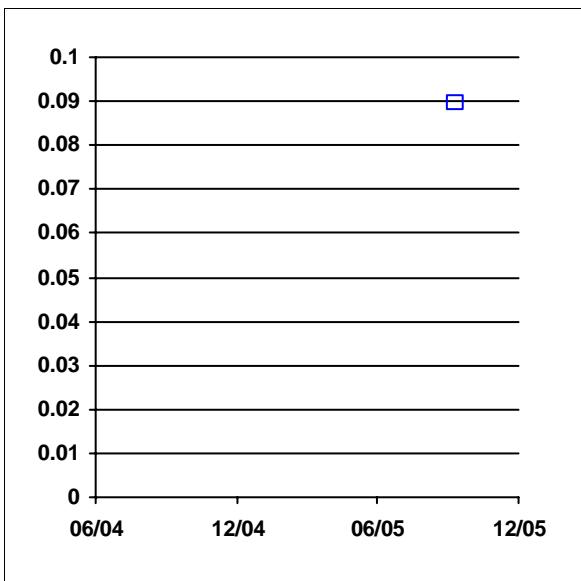
Maximum Value: 0.8

NOTES:

1. AN OPEN SYMBOL REPRESENTS A NONDETECT VALUE.
2. VINYL CHLORIDE VALUES REPRESENT CONCENTRATIONS IN GROUNDWATER (MICROGRAMS PER LITER).

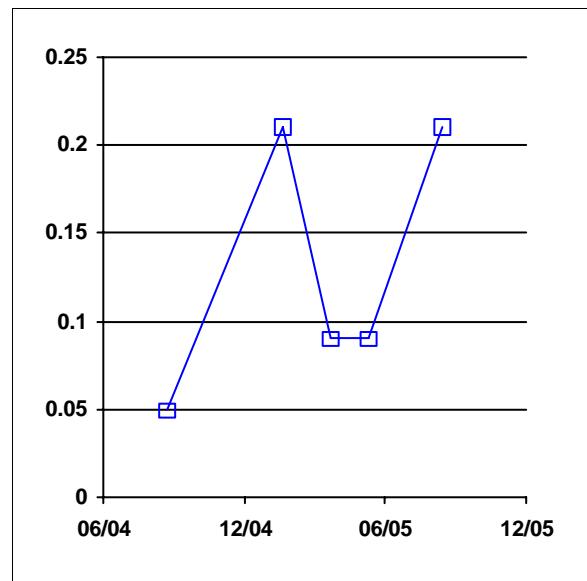
ATTACHMENT B1-4 (PAGE 1 of 2) VINYL CHLORIDE CONCENTRATION VERSUS TIME AT SITE 10 WELLS

SITE 10 EISB TREATMENT SYSTEM MONITORING DATA
LTO&M THIRD QUARTER 2005 REPORT
BEALE AIR FORCE BASE, CALIFORNIA



Location: 10C044RW

Maximum Value: 0.09



Location: 10C045RW

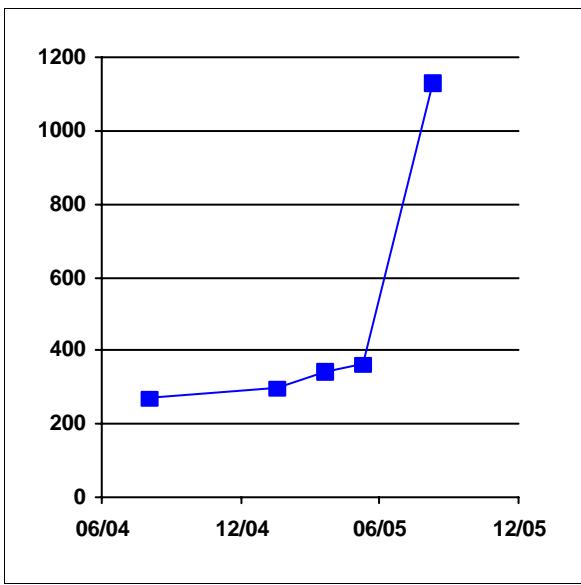
Maximum Value: 0.21

NOTES:

1. AN OPEN SYMBOL REPRESENTS A NONDETECT VALUE.
2. VINYL CHLORIDE VALUES REPRESENT CONCENTRATIONS IN GROUNDWATER (MICROGRAMS PER LITER).

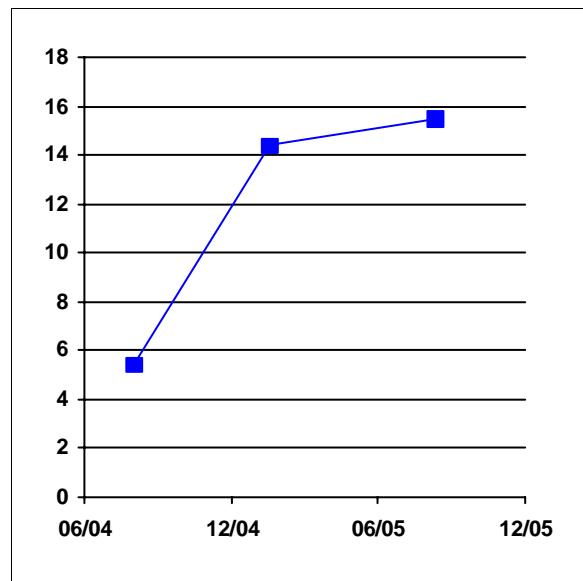
ATTACHMENT B1-4 (PAGE 2 of 2) VINYL CHLORIDE CONCENTRATION VERSUS TIME AT SITE 10 WELLS

SITE 10 EISB TREATMENT SYSTEM MONITORING DATA
LTO&M THIRD QUARTER 2005 REPORT
BEALE AIR FORCE BASE, CALIFORNIA



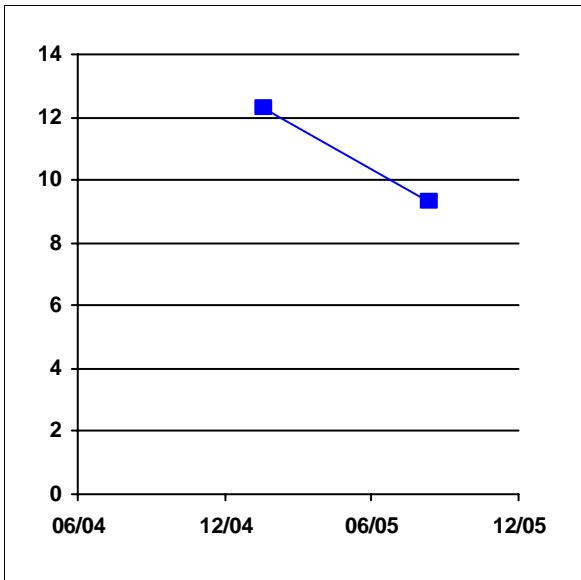
Location: 10C001MW

Maximum Value: 1130



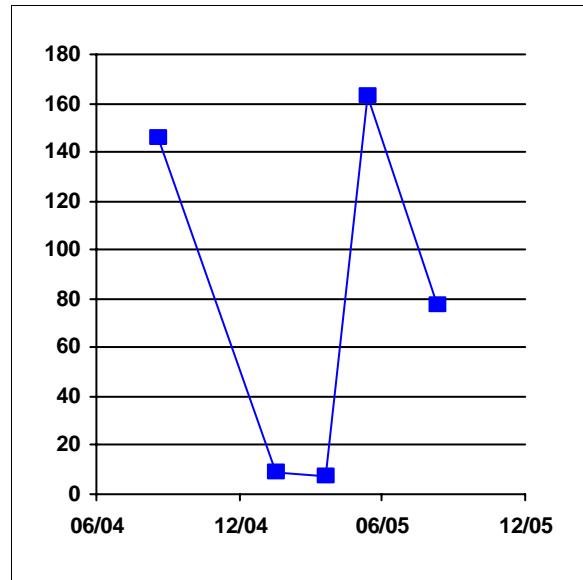
Location: 10C033RW

Maximum Value: 15.5



Location: 10C040RW

Maximum Value: 12.3



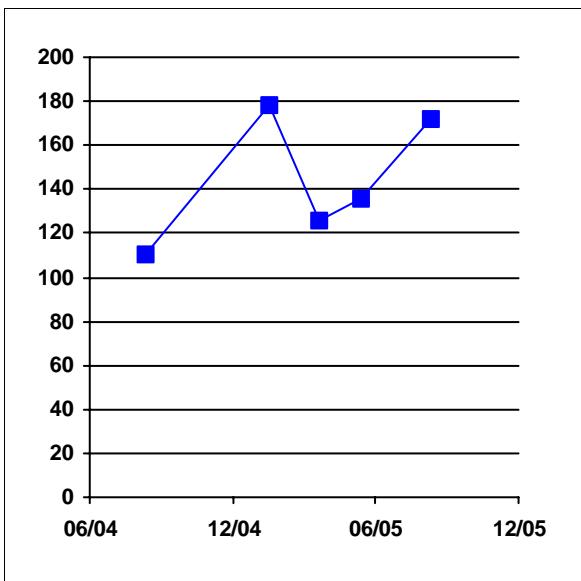
Location: 10C047MW

Maximum Value: 163

NOTES:

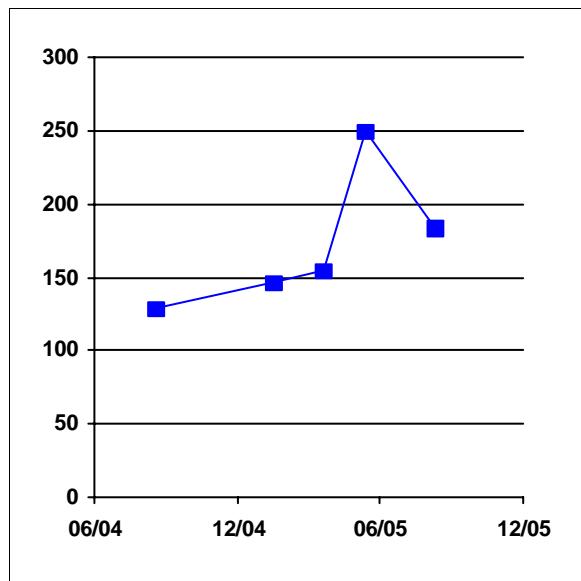
1. AN OPEN SYMBOL REPRESENTS A NONDETECT VALUE.
2. CIS-1,2-DCE VALUES REPRESENT CONCENTRATIONS IN GROUNDWATER (MICROGRAMS PER LITER).

ATTACHMENT B1-4 (PAGE 1 of 3) CIS-1,2-DCE CONCENTRATION VERSUS TIME AT SITE 10 PERFORMANCE WELLS SITE 10 EISB TREATMENT SYSTEM MONITORING DATA LTO&M THIRD QUARTER 2005 REPORT BEALE AIR FORCE BASE, CALIFORNIA



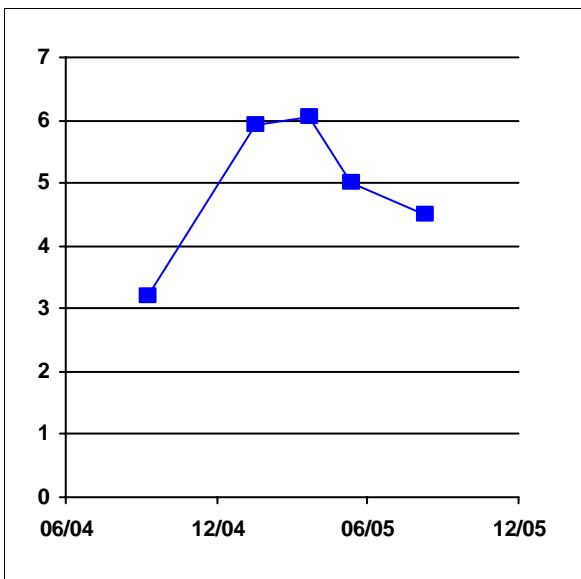
Location: 10C048MW

Maximum Value: 178



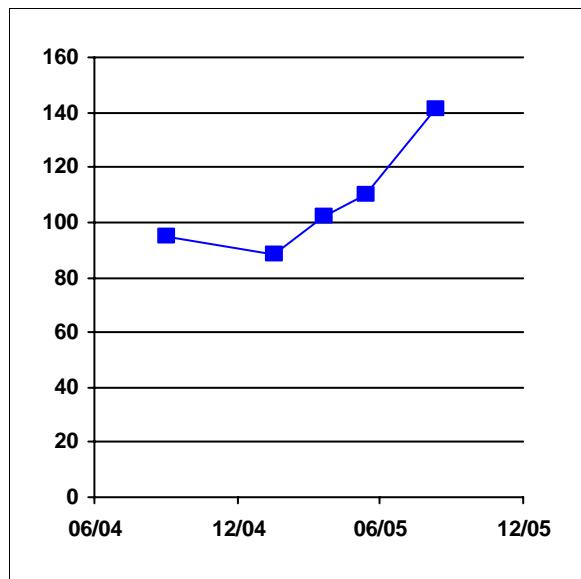
Location: 10C049MW

Maximum Value: 250



Location: 10C054RW

Maximum Value: 6.06



Location: 10C055RW

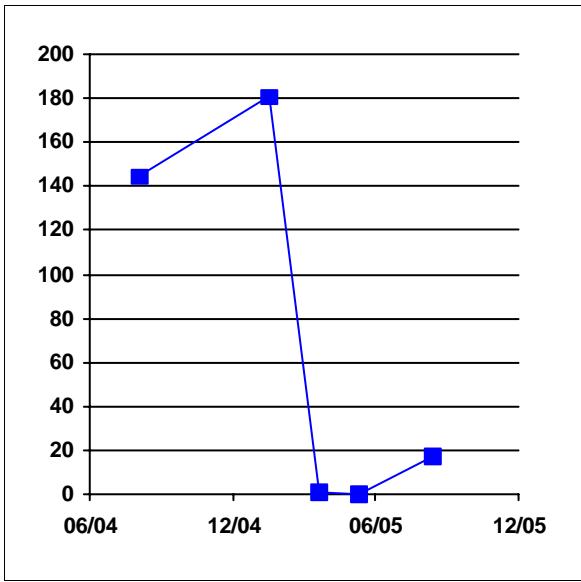
Maximum Value: 141

NOTES:

1. AN OPEN SYMBOL REPRESENTS A NONDETECT VALUE.
2. CIS-1,2-DCE VALUES REPRESENT CONCENTRATIONS IN GROUNDWATER (MICROGRAMS PER LITER).

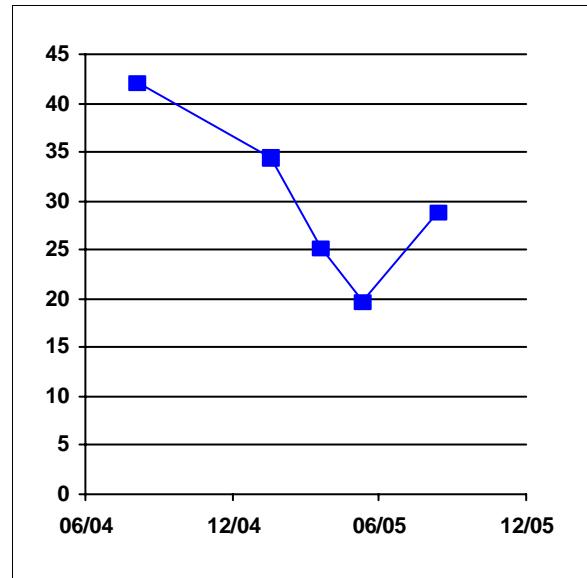
ATTACHMENT B1-4 (PAGE 2 of 3) CIS-1,2-DCE CONCENTRATION VERSUS TIME AT SITE 10 PERFORMANCE WELLS

SITE 10 EISB TREATMENT SYSTEM MONITORING DATA
LTO&M THIRD QUARTER 2005 REPORT
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Location: 10M004MW

Maximum Value: 181



Location: 10M006MW

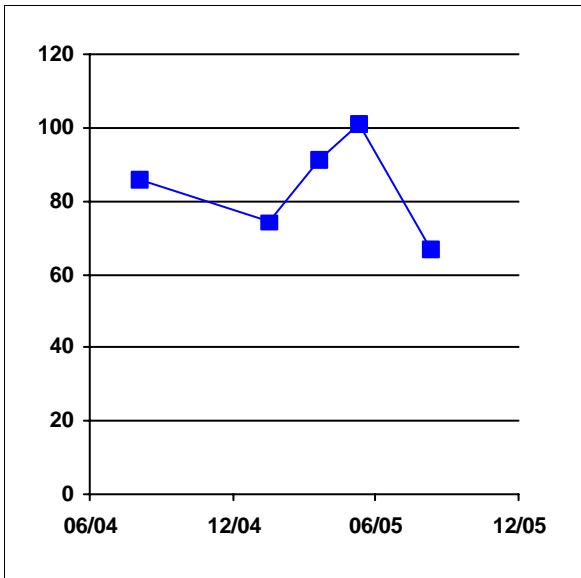
Maximum Value: 42.1

NOTES:

1. AN OPEN SYMBOL REPRESENTS A NONDETECT VALUE.
2. CIS-1,2-DCE VALUES REPRESENT CONCENTRATIONS IN GROUNDWATER (MICROGRAMS PER LITER).

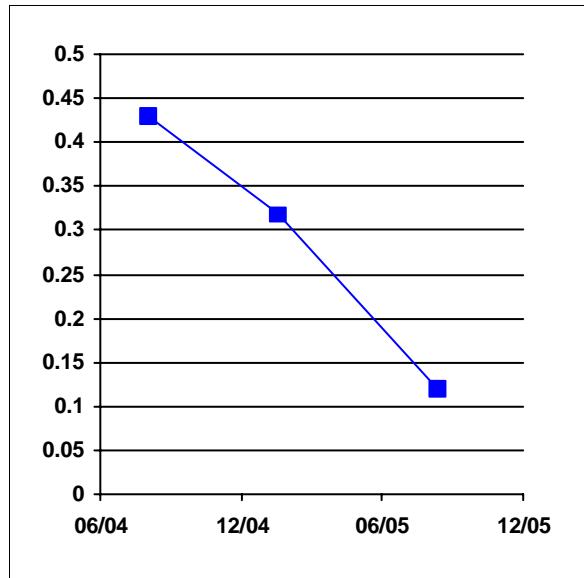
ATTACHMENT B1-4 (PAGE 3 of 3) CIS-1,2-DCE CONCENTRATION VERSUS TIME AT SITE 10 PERFORMANCE WELLS

SITE 10 EISB TREATMENT SYSTEM MONITORING DATA
LTO&M THIRD QUARTER 2005 REPORT
BEALE AIR FORCE BASE, CALIFORNIA



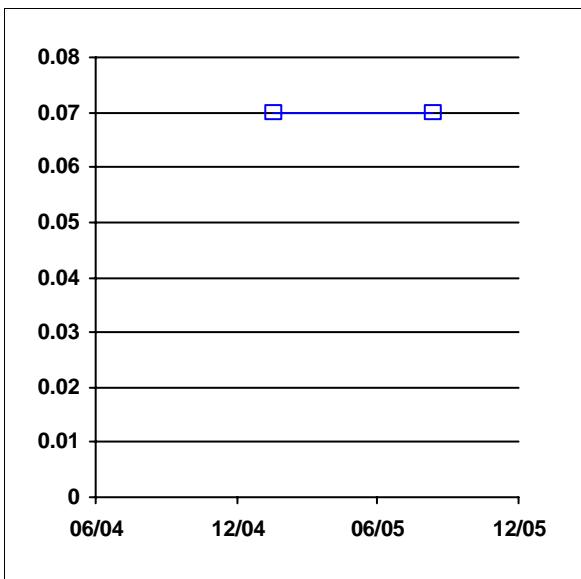
Location: 10C001MW

Maximum Value: 101



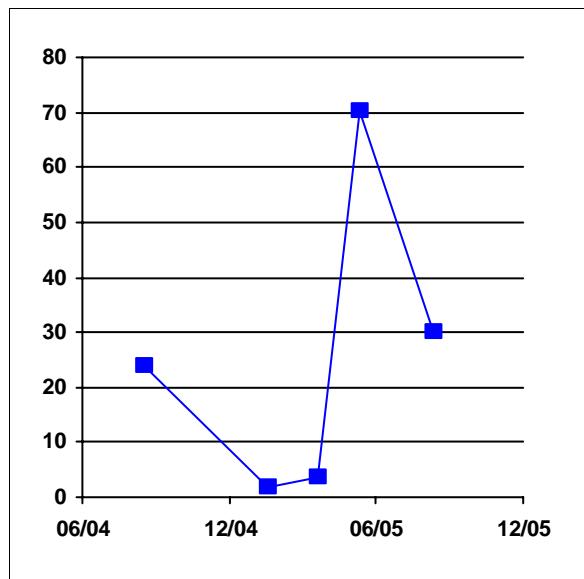
Location: 10C033RW

Maximum Value: 0.43



Location: 10C040RW

Maximum Value: 0.07



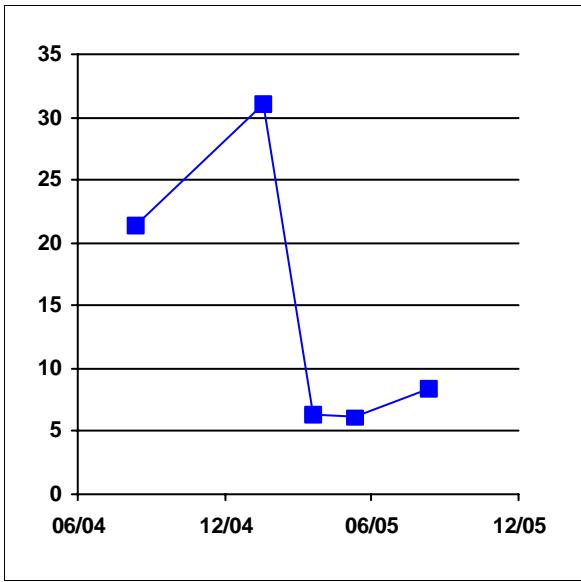
Location: 10C047MW

Maximum Value: 70.1

NOTES:

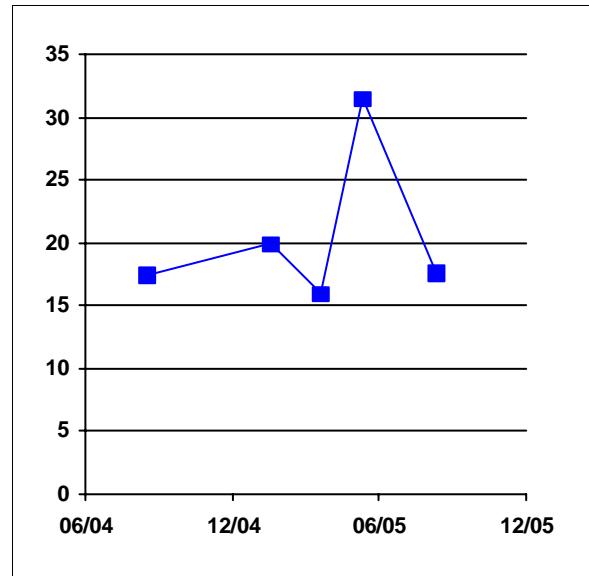
1. AN OPEN SYMBOL REPRESENTS A NONDETECT VALUE.
2. PCE VALUES REPRESENT CONCENTRATIONS IN GROUNDWATER (MICROGRAMS PER LITER).

ATTACHMENT B1-4 (PAGE 1 of 3)
PCE CONCENTRATION VERSUS TIME AT SITE 10 PERFORMANCE WELLS
 SITE 10 EISB TREATMENT SYSTEM MONITORING DATA
 LTO&M THIRD QUARTER 2005 REPORT
 BEALE AIR FORCE BASE, CALIFORNIA



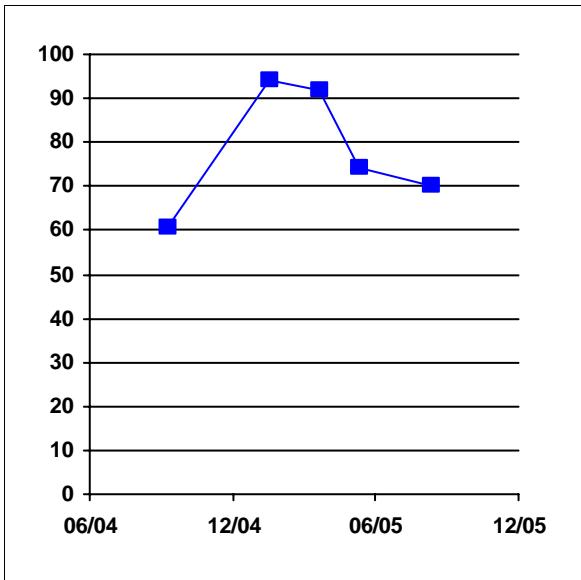
Location: 10C048MW

Maximum Value: 31.1



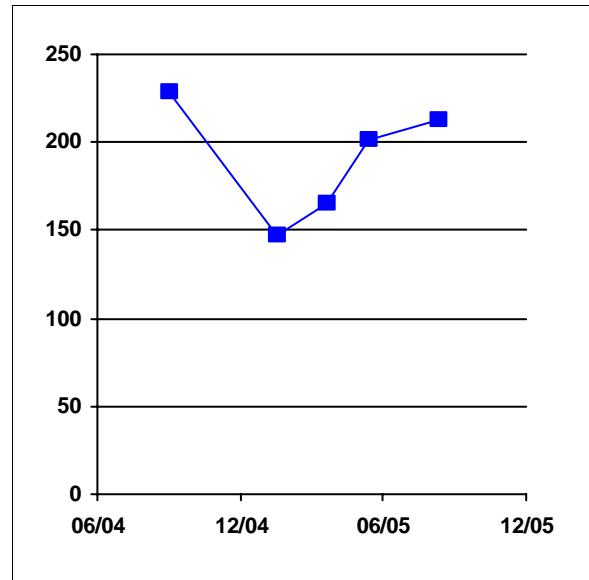
Location: 10C049MW

Maximum Value: 31.5



Location: 10C054RW

Maximum Value: 93.9



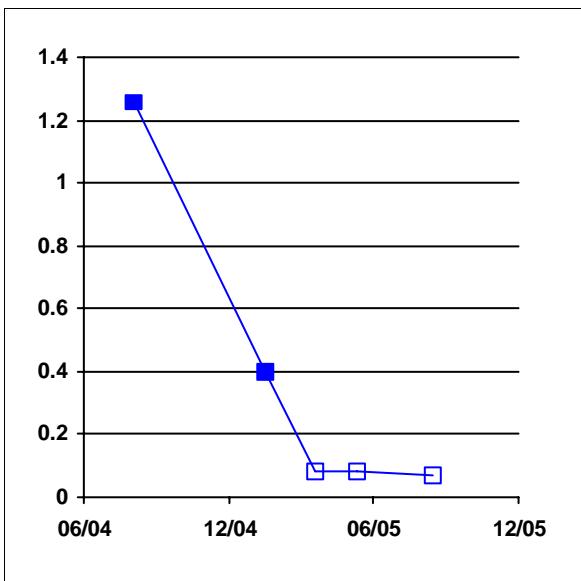
Location: 10C055RW

Maximum Value: 228

NOTES:

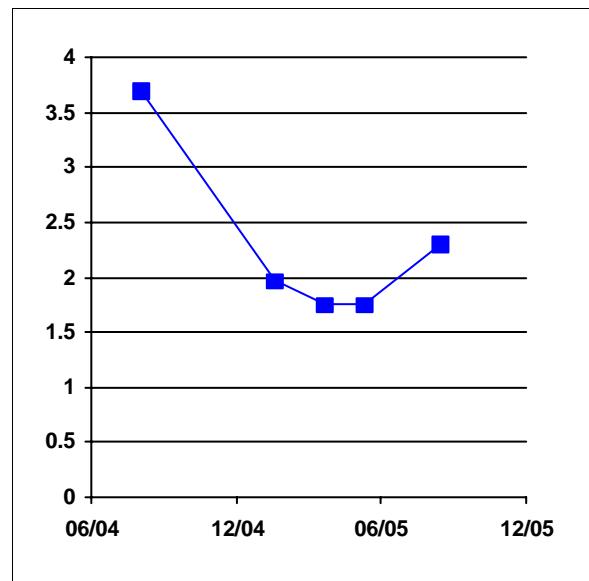
1. AN OPEN SYMBOL REPRESENTS A NONDETECT VALUE.
2. PCE VALUES REPRESENT CONCENTRATIONS IN GROUNDWATER (MICROGRAMS PER LITER).

ATTACHMENT B1-4 (PAGE 2 of 3) PCE CONCENTRATION VERSUS TIME AT SITE 10 PERFORMANCE WELLS SITE 10 EISB TREATMENT SYSTEM MONITORING DATA LTO&M THIRD QUARTER 2005 REPORT BEALE AIR FORCE BASE, CALIFORNIA



Location: 10M004MW

Maximum Value: 1.26



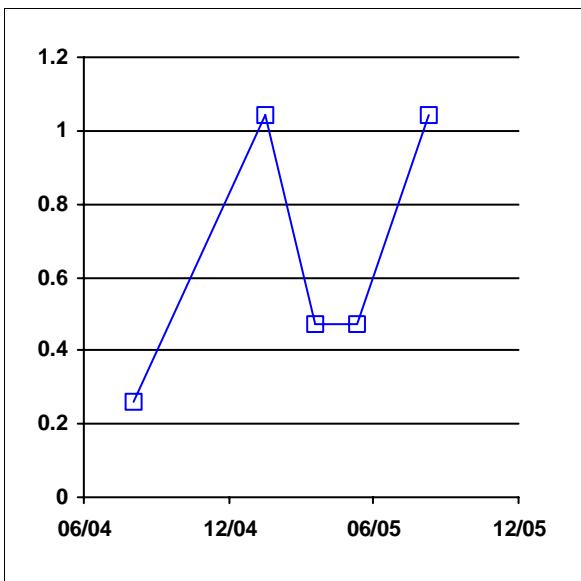
Location: 10M006MW

Maximum Value: 3.69

NOTES:

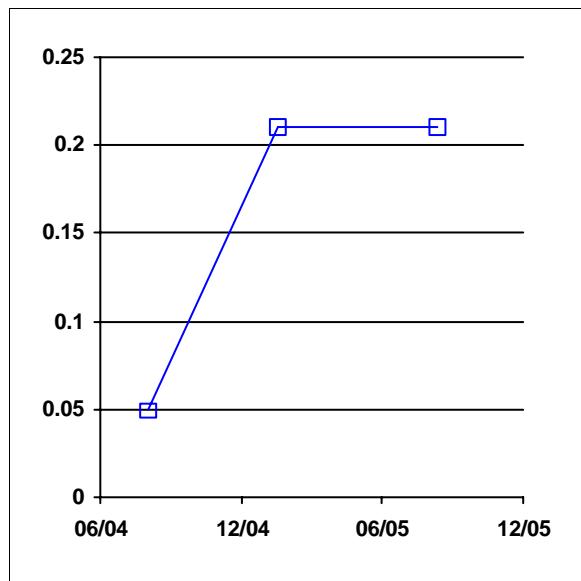
1. AN OPEN SYMBOL REPRESENTS A NONDETECT VALUE.
2. PCE VALUES REPRESENT CONCENTRATIONS IN GROUNDWATER (MICROGRAMS PER LITER).

ATTACHMENT B1-4 (PAGE 3 of 3) PCE CONCENTRATION VERSUS TIME AT SITE 10 PERFORMANCE WELLS SITE 10 EISB TREATMENT SYSTEM MONITORING DATA LTO&M THIRD QUARTER 2005 REPORT BEALE AIR FORCE BASE, CALIFORNIA



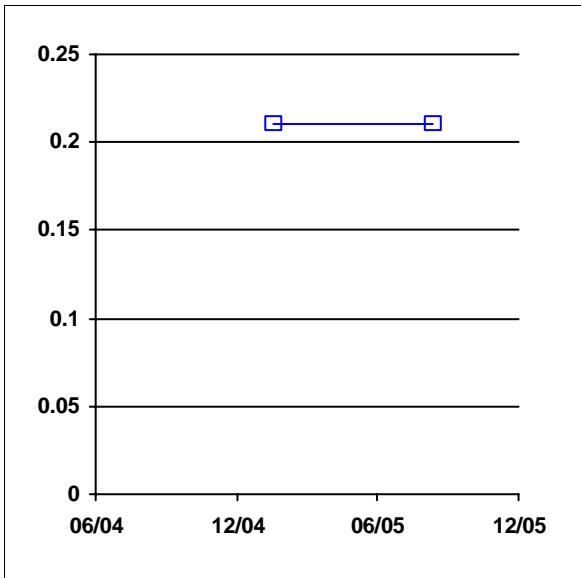
Location: 10C001MW

Maximum Value: 1.04



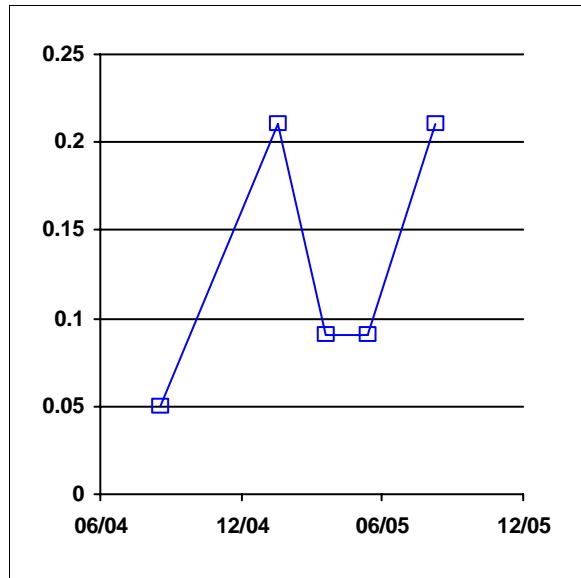
Location: 10C033RW

Maximum Value: 0.21



Location: 10C040RW

Maximum Value: 0.21



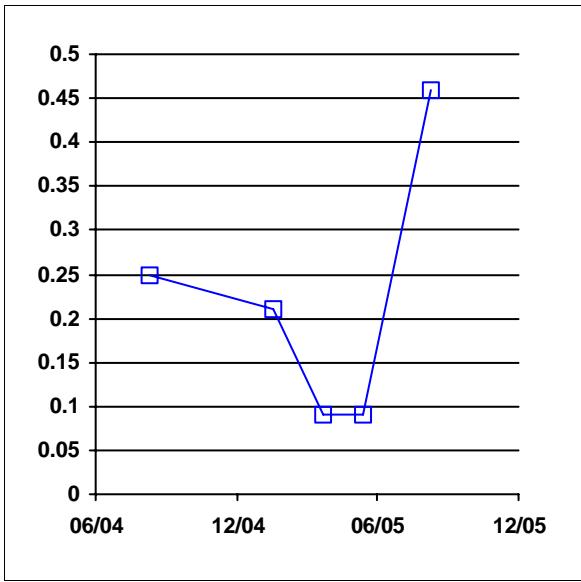
Location: 10C047MW

Maximum Value: 0.21

NOTES:

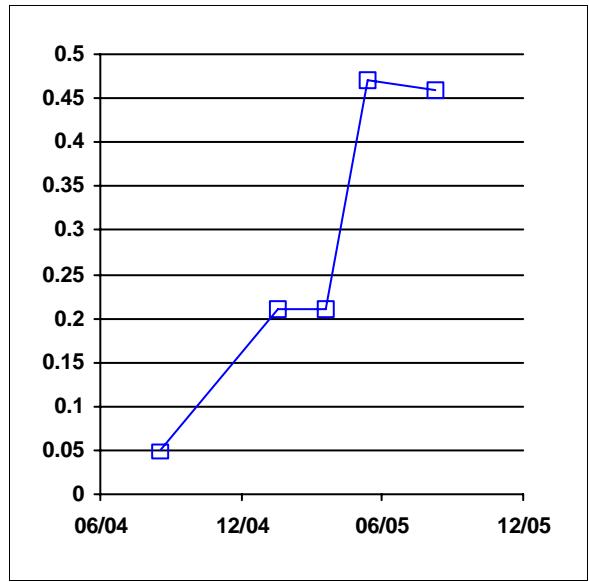
1. AN OPEN SYMBOL REPRESENTS A NONDETECT VALUE.
2. VINYL CHLORIDE VALUES REPRESENT CONCENTRATIONS IN GROUNDWATER (MICROGRAMS PER LITER).

**ATTACHMENT B1-4 (PAGE 1 of 3)
VINYL CHLORIDE CONCENTRATION VERSUS
TIME AT SITE 10 PERFORMANCE WELLS**
SITE 10 EISB TREATMENT SYSTEM MONITORING DATA
LTO&M THIRD QUARTER 2005 REPORT
BEALE AIR FORCE BASE, CALIFORNIA



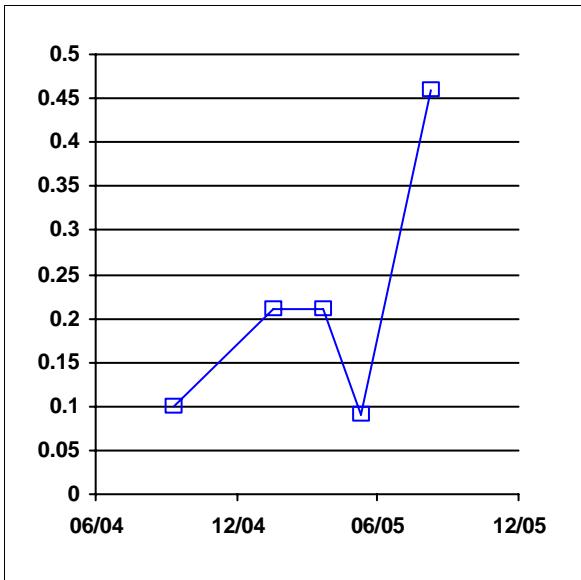
Location: 10C048MW

Maximum Value: 0.46



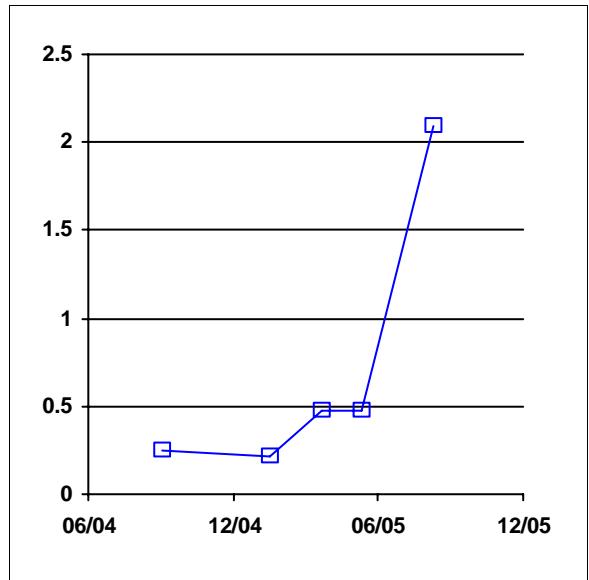
Location: 10C049MW

Maximum Value: 0.47



Location: 10C054RW

Maximum Value: 0.46



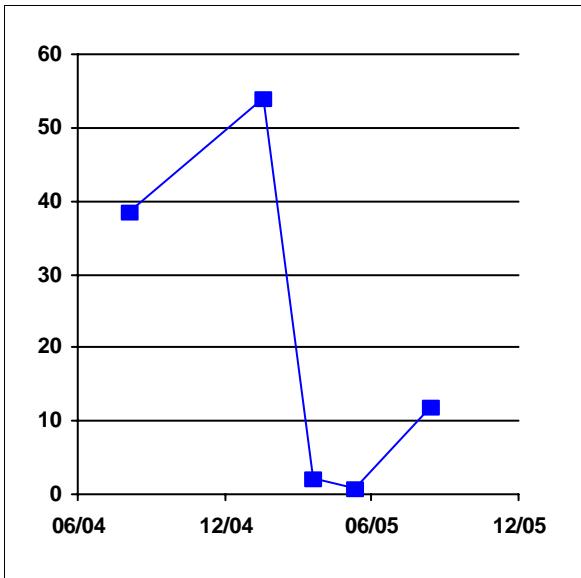
Location: 10C055RW

Maximum Value: 2.09

NOTES:

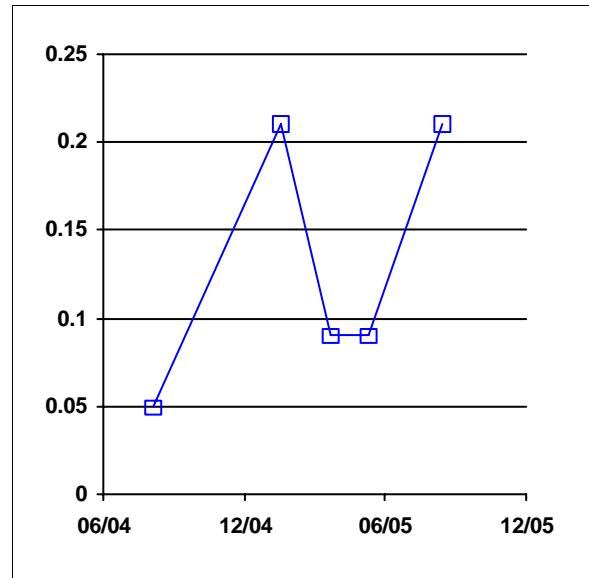
1. AN OPEN SYMBOL REPRESENTS A NONDETECT VALUE.
2. VINYL CHLORIDE VALUES REPRESENT CONCENTRATIONS IN GROUNDWATER (MICROGRAMS PER LITER).

**ATTACHMENT B1-4 (PAGE 2 of 3)
VINYL CHLORIDE CONCENTRATION VERSUS
TIME AT SITE 10 PERFORMANCE WELLS
SITE 10 EISB TREATMENT SYSTEM MONITORING DATA
LTO&M THIRD QUARTER 2005 REPORT
BEALE AIR FORCE BASE, CALIFORNIA**



Location: 10M004MW

Maximum Value: 54



Location: 10M006MW

Maximum Value: 0.21

NOTES:

1. AN OPEN SYMBOL REPRESENTS A NONDETECT VALUE.
2. VINYL CHLORIDE VALUES REPRESENT CONCENTRATIONS IN GROUNDWATER (MICROGRAMS PER LITER).

**ATTACHMENT B1-4 (PAGE 3 of 3)
VINYL CHLORIDE CONCENTRATION VERSUS
TIME AT SITE 10 PERFORMANCE WELLS**
SITE 10 EISB TREATMENT SYSTEM MONITORING DATA
LTO&M THIRD QUARTER 2005 REPORT
BEALE AIR FORCE BASE, CALIFORNIA

Attachment B2
Site 10 EISB Treatment System, Validated
Analytical Data, Third Quarter 2005

ATTACHMENT B2

Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Compliance Monitoring Well Results										
10C003MW	8/15/2005	E300.0M	Acetic Acid	64-19-7	N	0.008	U	mg/L	0.1	0.008
		E300.0M	Lactic Acid	50-21-5	N	0.011	U	mg/L	0.1	0.011
		E300.0M	Propionic Acid	79-09-4	N	0.009	U	mg/L	0.1	0.009
		RSK-175	Ethane	74-84-0	N	0.02	U	µg/L	0.64	0.02
		RSK-175	Ethene	74-85-1	N	0.014	U	µg/L	0.67	0.014
		RSK-175	Methane	74-82-8	N	0.591		µg/L	0.48	0.026
		SW6010	Manganese, dissolved	7439-96-5_D	N	0.0003	U	mg/L	0.01	0.0003
		SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	0.09	U	µg/L	0.5	0.09
		SW8260	1,1,1-TCA	71-55-6	N	0.11	U	µg/L	1	0.11
		SW8260	1,1,2,2-Tetrachloroethane	79-34-5	N	0.11	U	µg/L	0.5	0.11
		SW8260	1,1,2-Trichloroethane	79-00-5	N	0.14	U	µg/L	1	0.14
		SW8260	1,1-DCE	75-35-4	N	0.13	U	µg/L	1	0.13
		SW8260	1,1-Dichloroethane	75-34-3	N	0.13	U	µg/L	1	0.13
		SW8260	1,1-Dichloropropene	563-58-6	N	0.07	U	µg/L	1	0.07
		SW8260	1,2,3-Trichlorobenzene	87-61-6	N	0.07	U	µg/L	1	0.07
		SW8260	1,2,3-Trichloropropane	96-18-4	N	0.11	U	µg/L	1	0.11
		SW8260	1,2,4-Trichlorobenzene	120-82-1	N	0.08	U	µg/L	1	0.08
		SW8260	1,2,4-Trimethylbenzene	95-63-6	N	0.07	U	µg/L	1	0.07
		SW8260	1,2-DCA	107-06-2	N	0.1	U	µg/L	0.5	0.1
		SW8260	1,2-DCB	95-50-1	N	0.11	U	µg/L	1	0.11
		SW8260	1,2-Dibromo-3-chloropropane	96-12-8	N	0.12	U	µg/L	2	0.12
		SW8260	1,2-Dichloropropane	78-87-5	N	0.12	U	µg/L	1	0.12
		SW8260	1,2-EDB	106-93-4	N	0.09	U	µg/L	1	0.09
		SW8260	1,3,5-Trimethylbenzene	108-67-8	N	0.08	U	µg/L	1	0.08
		SW8260	1,3-DCB	541-73-1	N	0.1	U	µg/L	1	0.1
		SW8260	1,3-Dichloropropane	142-28-9	N	0.09	U	µg/L	0.4	0.09
		SW8260	1,4-DCB	106-46-7	N	0.13	U	µg/L	0.5	0.13
		SW8260	1-Chlorohexane	544-10-5	N	0.06	U	µg/L	1	0.06
		SW8260	2,2-Dichloropropane	594-20-7	N	0.12	U	µg/L	1	0.12
		SW8260	2-Chlorotoluene	95-49-8	N	0.08	U	µg/L	1	0.08
		SW8260	4-Chlorotoluene	106-43-4	N	0.07	U	µg/L	1	0.07
		SW8260	Acetone	67-64-1	N	0.6	U	µg/L	10	0.6
		SW8260	Benzene	71-43-2	N	0.07	U	µg/L	0.4	0.07
		SW8260	Bromobenzene	108-86-1	N	0.11	U	µg/L	1	0.11

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Compliance Monitoring Well Results										
10C003MW	8/15/2005	SW8260	Bromochloromethane	74-97-5	N	0.13	U	µg/L	1	0.13
		SW8260	Bromodichloromethane	75-27-4	N	0.12	U	µg/L	0.5	0.12
		SW8260	Bromoform	75-25-2	N	0.08	U	µg/L	1	0.08
		SW8260	Bromomethane	74-83-9	N	0.23	U	µg/L	3	0.23
		SW8260	Carbon Tetrachloride	56-23-5	N	0.08	U	µg/L	1	0.08
		SW8260	Chlorobenzene	108-90-7	N	0.12	U	µg/L	0.5	0.12
		SW8260	Chloroethane	75-00-3	N	0.2	U	µg/L	1	0.2
		SW8260	Chloroform	67-66-3	N	0.13	U	µg/L	0.3	0.13
		SW8260	Chloromethane	74-87-3	N	0.15	U	µg/L	1	0.15
		SW8260	cis-1,2-DCE	156-59-2	N	0.1	U	µg/L	1	0.1
		SW8260	cis-1,3-Dichloropropene	10061-01-5	N	0.1	U	µg/L	0.5	0.1
		SW8260	Dibromochloromethane	124-48-1	N	0.09	U	µg/L	0.5	0.09
		SW8260	Dibromomethane	74-95-3	N	0.11	U	µg/L	1	0.11
		SW8260	Dichlorodifluoromethane	75-71-8	N	0.13	U	µg/L	1	0.13
		SW8260	Ethylbenzene	100-41-4	N	0.08	U	µg/L	1	0.08
		SW8260	Hexachlorobutadiene	87-68-3	N	0.09	U	µg/L	0.6	0.09
		SW8260	Isopropylbenzene	98-82-8	N	0.08	U	µg/L	1	0.08
		SW8260	m,p-Xylene	108-38-3/1	N	0.14	U	µg/L	2	0.14
		SW8260	MEK (2-Butanone)	78-93-3	N	0.2	U	µg/L	10	0.2
		SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	0.15	U	µg/L	5	0.15
		SW8260	Methylene Chloride	75-09-2	N	0.2	U	µg/L	1	0.2
		SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	0.1	U	µg/L	10	0.1
		SW8260	Naphthalene	91-20-3	N	0.05	U	µg/L	1	0.05
		SW8260	n-Butylbenzene	104-51-8	N	0.09	U	µg/L	1	0.09
		SW8260	n-Propylbenzene	103-65-1	N	0.08	U	µg/L	1	0.08
		SW8260	o-Xylene	95-47-6	N	0.09	U	µg/L	1	0.09
		SW8260	p-Isopropyltoluene	99-87-6	N	0.09	U	µg/L	1	0.09
		SW8260	sec-Butylbenzene	135-98-8	N	0.07	U	µg/L	1	0.07
		SW8260	Styrene	100-42-5	N	0.08	U	µg/L	1	0.08
		SW8260	Tert-Butylbenzene	98-06-6	N	0.07	U	µg/L	1	0.07
		SW8260	Tetrachloroethylene	127-18-4	N	0.07	U	µg/L	1	0.07
		SW8260	Toluene	108-88-3	N	0.08	U	µg/L	1	0.08
		SW8260	trans-1,2-DCE	156-60-5	N	0.09	U	µg/L	1	0.09
		SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.07	U	µg/L	1	0.07

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Compliance Monitoring Well Results										
10C003MW	8/15/2005	SW8260	Trichloroethene	79-01-6	N	1.25		µg/L	1	0.1
		SW8260	Trichlorofluoromethane	75-69-4	N	0.17	U	µg/L	1	0.17
		SW8260	Vinyl Chloride	75-01-4	N	0.21	U	µg/L	1	0.21
		SW9056	Bromide	BROMIDE		0.007	U	mg/L	0.5	0.007
10C035RW	E300.0M	E300.0M	Acetic Acid	64-19-7	N	0.008	U	mg/L	0.1	0.008
		E300.0M	Lactic Acid	50-21-5	N	0.011	U	mg/L	0.1	0.011
		E300.0M	Propionic Acid	79-09-4	N	0.009	U	mg/L	0.1	0.009
		RSK-175	Ethane	74-84-0	N	0.021	U	µg/L	0.67	0.021
		RSK-175	Ethene	74-85-1	N	0.028	F	µg/L	0.68	0.015
		RSK-175	Methane	74-82-8	N	0.168	F	µg/L	0.5	0.027
		SW6010	Manganese, dissolved	7439-96-5_D	N	0.0023	F	mg/L	0.01	0.0003
		SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	0.09	U	µg/L	0.5	0.09
		SW8260	1,1,1-TCA	71-55-6	N	0.11	U	µg/L	1	0.11
		SW8260	1,1,2,2-Tetrachloroethane	79-34-5	N	0.11	U	µg/L	0.5	0.11
		SW8260	1,1,2-Trichloroethane	79-00-5	N	0.14	U	µg/L	1	0.14
		SW8260	1,1-DCE	75-35-4	N	0.13	U	µg/L	1	0.13
		SW8260	1,1-Dichloroethane	75-34-3	N	0.13	U	µg/L	1	0.13
		SW8260	1,1-Dichloropropene	563-58-6	N	0.07	U	µg/L	1	0.07
		SW8260	1,2,3-Trichlorobenzene	87-61-6	N	0.07	U	µg/L	1	0.07
		SW8260	1,2,3-Trichloropropane	96-18-4	N	0.11	U	µg/L	1	0.11
		SW8260	1,2,4-Trichlorobenzene	120-82-1	N	0.08	U	µg/L	1	0.08
		SW8260	1,2,4-Trimethylbenzene	95-63-6	N	0.07	U	µg/L	1	0.07
		SW8260	1,2-DCA	107-06-2	N	0.1	U	µg/L	0.5	0.1
		SW8260	1,2-DCB	95-50-1	N	0.11	U	µg/L	1	0.11
		SW8260	1,2-Dibromo-3-chloropropane	96-12-8	N	0.12	U	µg/L	2	0.12
		SW8260	1,2-Dichloropropane	78-87-5	N	0.12	U	µg/L	1	0.12
		SW8260	1,2-EDB	106-93-4	N	0.09	U	µg/L	1	0.09
		SW8260	1,3,5-Trimethylbenzene	108-67-8	N	0.08	U	µg/L	1	0.08
		SW8260	1,3-DCB	541-73-1	N	0.1	U	µg/L	1	0.1
		SW8260	1,3-Dichloropropane	142-28-9	N	0.09	U	µg/L	0.4	0.09
		SW8260	1,4-DCB	106-46-7	N	0.13	U	µg/L	0.5	0.13
		SW8260	1-Chlorohexane	544-10-5	N	0.06	U	µg/L	1	0.06
		SW8260	2,2-Dichloropropane	594-20-7	N	0.12	U	µg/L	1	0.12
		SW8260	2-Chlorotoluene	95-49-8	N	0.08	U	µg/L	1	0.08

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Compliance Monitoring Well Results										
10C035RW	8/15/2005	SW8260	4-Chlorotoluene	106-43-4	N	0.07	U	µg/L	1	0.07
		SW8260	Acetone	67-64-1	N	0.6	U	µg/L	10	0.6
		SW8260	Benzene	71-43-2	N	0.07	U	µg/L	0.4	0.07
		SW8260	Bromobenzene	108-86-1	N	0.11	U	µg/L	1	0.11
		SW8260	Bromochloromethane	74-97-5	N	0.13	U	µg/L	1	0.13
		SW8260	Bromodichloromethane	75-27-4	N	0.12	U	µg/L	0.5	0.12
		SW8260	Bromoform	75-25-2	N	0.08	U	µg/L	1	0.08
		SW8260	Bromomethane	74-83-9	N	0.23	U	µg/L	3	0.23
		SW8260	Carbon Tetrachloride	56-23-5	N	0.08	U	µg/L	1	0.08
		SW8260	Chlorobenzene	108-90-7	N	0.12	U	µg/L	0.5	0.12
		SW8260	Chloroethane	75-00-3	N	0.2	U	µg/L	1	0.2
		SW8260	Chloroform	67-66-3	N	0.13	U	µg/L	0.3	0.13
		SW8260	Chloromethane	74-87-3	N	0.15	U	µg/L	1	0.15
		SW8260	cis-1,2-DCE	156-59-2	N	3.03		µg/L	1	0.1
		SW8260	cis-1,3-Dichloropropene	10061-01-5	N	0.1	U	µg/L	0.5	0.1
		SW8260	Dibromochloromethane	124-48-1	N	0.09	U	µg/L	0.5	0.09
		SW8260	Dibromomethane	74-95-3	N	0.11	U	µg/L	1	0.11
		SW8260	Dichlorodifluoromethane	75-71-8	N	0.13	U	µg/L	1	0.13
		SW8260	Ethylbenzene	100-41-4	N	0.08	U	µg/L	1	0.08
		SW8260	Hexachlorobutadiene	87-68-3	N	0.09	U	µg/L	0.6	0.09
		SW8260	Isopropylbenzene	98-82-8	N	0.08	U	µg/L	1	0.08
		SW8260	m,p-Xylene	108-38-3/1	N	0.14	U	µg/L	2	0.14
		SW8260	MEK (2-Butanone)	78-93-3	N	0.2	U	µg/L	10	0.2
		SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	0.15	U	µg/L	5	0.15
		SW8260	Methylene Chloride	75-09-2	N	0.2	U	µg/L	1	0.2
		SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	0.1	U	µg/L	10	0.1
		SW8260	Naphthalene	91-20-3	N	0.05	U	µg/L	1	0.05
		SW8260	n-Butylbenzene	104-51-8	N	0.09	U	µg/L	1	0.09
		SW8260	n-Propylbenzene	103-65-1	N	0.08	U	µg/L	1	0.08
		SW8260	o-Xylene	95-47-6	N	0.09	U	µg/L	1	0.09
		SW8260	p-Isopropyltoluene	99-87-6	N	0.09	U	µg/L	1	0.09
		SW8260	sec-Butylbenzene	135-98-8	N	0.07	U	µg/L	1	0.07
		SW8260	Styrene	100-42-5	N	0.08	U	µg/L	1	0.08
		SW8260	Tert-Butylbenzene	98-06-6	N	0.07	U	µg/L	1	0.07

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Compliance Monitoring Well Results										
10C035RW	8/15/2005	SW8260	Tetrachloroethylene	127-18-4	N	0.3	F	µg/L	1	0.07
		SW8260	Toluene	108-88-3	N	0.08	U	µg/L	1	0.08
		SW8260	trans-1,2-DCE	156-60-5	N	0.09	U	µg/L	1	0.09
		SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.07	U	µg/L	1	0.07
		SW8260	Trichloroethene	79-01-6	N	32.8		µg/L	1	0.1
		SW8260	Trichlorofluoromethane	75-69-4	N	0.17	U	µg/L	1	0.17
		SW8260	Vinyl Chloride	75-01-4	N	0.21	U	µg/L	1	0.21
		SW9056	Bromide	BROMIDE	N	0.007	U	mg/L	0.5	0.007
10C050RW	8/11/2005	E300.0M	Acetic Acid	64-19-7	FD	0.008	U	mg/L	0.1	0.008
		E300.0M	Acetic Acid	64-19-7	N	0.008	U	mg/L	0.1	0.008
		E300.0M	Lactic Acid	50-21-5	FD	0.011	U	mg/L	0.1	0.011
		E300.0M	Lactic Acid	50-21-5	N	0.011	U	mg/L	0.1	0.011
		E300.0M	Propionic Acid	79-09-4	N	0.009	U	mg/L	0.1	0.009
		E300.0M	Propionic Acid	79-09-4	FD	0.009	U	mg/L	0.1	0.009
		RSK-175	Ethane	74-84-0	N	0.022	U	µg/L	0.71	0.022
		RSK-175	Ethane	74-84-0	FD	0.021	U	µg/L	0.67	0.021
		RSK-175	Ethene	74-85-1	FD	0.015	U	µg/L	0.69	0.015
		RSK-175	Ethene	74-85-1	N	0.016	U	µg/L	0.73	0.016
		RSK-175	Methane	74-82-8	N	0.131	F	µg/L	0.53	0.029
		RSK-175	Methane	74-82-8	FD	0.169	F	µg/L	0.5	0.027
		SW6010	Manganese, dissolved	7439-96-5_D	FD	0.001	F	mg/L	0.01	0.0003
		SW6010	Manganese, dissolved	7439-96-5_D	N	0.0009	F	mg/L	0.01	0.0003
		SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	0.09	U	µg/L	0.5	0.09
		SW8260	1,1,1,2-Tetrachloroethane	630-20-6	FD	0.09	U	µg/L	0.5	0.09
		SW8260	1,1,1-TCA	71-55-6	N	0.11	U	µg/L	1	0.11
		SW8260	1,1,1-TCA	71-55-6	FD	0.11	U	µg/L	1	0.11
		SW8260	1,1,2,2-Tetrachloroethane	79-34-5	FD	0.11	U	µg/L	0.5	0.11
		SW8260	1,1,2,2-Tetrachloroethane	79-34-5	N	0.11	U	µg/L	0.5	0.11
		SW8260	1,1,2-Trichloroethane	79-00-5	N	0.14	U	µg/L	1	0.14
		SW8260	1,1,2-Trichloroethane	79-00-5	FD	0.14	U	µg/L	1	0.14
		SW8260	1,1-DCE	75-35-4	N	0.13	U	µg/L	1	0.13
		SW8260	1,1-DCE	75-35-4	FD	0.13	U	µg/L	1	0.13
		SW8260	1,1-Dichloroethane	75-34-3	FD	0.13	U	µg/L	1	0.13
		SW8260	1,1-Dichloroethane	75-34-3	N	0.13	U	µg/L	1	0.13

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Compliance Monitoring Well Results										
10C050RW	8/11/2005	SW8260	1,1-Dichloropropene	563-58-6	N	0.07	U	µg/L	1	0.07
		SW8260	1,1-Dichloropropene	563-58-6	FD	0.07	U	µg/L	1	0.07
		SW8260	1,2,3-Trichlorobenzene	87-61-6	N	0.07	U	µg/L	1	0.07
		SW8260	1,2,3-Trichlorobenzene	87-61-6	FD	0.07	U	µg/L	1	0.07
		SW8260	1,2,3-Trichloropropane	96-18-4	N	0.11	U	µg/L	1	0.11
		SW8260	1,2,3-Trichloropropane	96-18-4	FD	0.11	U	µg/L	1	0.11
		SW8260	1,2,4-Trichlorobenzene	120-82-1	N	0.08	U	µg/L	1	0.08
		SW8260	1,2,4-Trichlorobenzene	120-82-1	FD	0.08	U	µg/L	1	0.08
		SW8260	1,2,4-Trimethylbenzene	95-63-6	N	0.07	U	µg/L	1	0.07
		SW8260	1,2,4-Trimethylbenzene	95-63-6	FD	0.07	U	µg/L	1	0.07
		SW8260	1,2-DCA	107-06-2	N	0.1	U	µg/L	0.5	0.1
		SW8260	1,2-DCA	107-06-2	FD	0.1	U	µg/L	0.5	0.1
		SW8260	1,2-DCB	95-50-1	N	0.11	U	µg/L	1	0.11
		SW8260	1,2-DCB	95-50-1	FD	0.11	U	µg/L	1	0.11
		SW8260	1,2-Dibromo-3-chloropropane	96-12-8	N	0.12	U	µg/L	2	0.12
		SW8260	1,2-Dibromo-3-chloropropane	96-12-8	FD	0.12	U	µg/L	2	0.12
		SW8260	1,2-Dichloropropane	78-87-5	N	0.12	U	µg/L	1	0.12
		SW8260	1,2-Dichloropropane	78-87-5	FD	0.12	U	µg/L	1	0.12
		SW8260	1,2-EDB	106-93-4	N	0.09	U	µg/L	1	0.09
		SW8260	1,2-EDB	106-93-4	FD	0.09	U	µg/L	1	0.09
		SW8260	1,3,5-Trimethylbenzene	108-67-8	FD	0.08	U	µg/L	1	0.08
		SW8260	1,3,5-Trimethylbenzene	108-67-8	N	0.08	U	µg/L	1	0.08
		SW8260	1,3-DCB	541-73-1	N	0.1	U	µg/L	1	0.1
		SW8260	1,3-DCB	541-73-1	FD	0.1	U	µg/L	1	0.1
		SW8260	1,3-Dichloropropane	142-28-9	N	0.09	U	µg/L	0.4	0.09
		SW8260	1,3-Dichloropropane	142-28-9	FD	0.09	U	µg/L	0.4	0.09
		SW8260	1,4-DCB	106-46-7	N	0.13	U	µg/L	0.5	0.13
		SW8260	1,4-DCB	106-46-7	FD	0.13	U	µg/L	0.5	0.13
		SW8260	1-Chlorohexane	544-10-5	N	0.06	U	µg/L	1	0.06
		SW8260	1-Chlorohexane	544-10-5	FD	0.06	U	µg/L	1	0.06
		SW8260	2,2-Dichloropropane	594-20-7	N	0.12	U	µg/L	1	0.12
		SW8260	2,2-Dichloropropane	594-20-7	FD	0.12	U	µg/L	1	0.12
		SW8260	2-Chlorotoluene	95-49-8	N	0.08	U	µg/L	1	0.08
		SW8260	2-Chlorotoluene	95-49-8	FD	0.08	U	µg/L	1	0.08

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Compliance Monitoring Well Results										
10C050RW	8/11/2005	SW8260	4-Chlorotoluene	106-43-4	N	0.07	U	µg/L	1	0.07
		SW8260	4-Chlorotoluene	106-43-4	FD	0.07	U	µg/L	1	0.07
		SW8260	Acetone	67-64-1	N	0.6	U	µg/L	10	0.6
		SW8260	Acetone	67-64-1	FD	0.6	U	µg/L	10	0.6
		SW8260	Benzene	71-43-2	N	0.07	U	µg/L	0.4	0.07
		SW8260	Benzene	71-43-2	FD	0.07	U	µg/L	0.4	0.07
		SW8260	Bromobenzene	108-86-1	N	0.11	U	µg/L	1	0.11
		SW8260	Bromobenzene	108-86-1	FD	0.11	U	µg/L	1	0.11
		SW8260	Bromoform	74-97-5	N	0.13	U	µg/L	1	0.13
		SW8260	Bromoform	74-97-5	FD	0.13	U	µg/L	1	0.13
		SW8260	Bromochloromethane	75-27-4	FD	0.12	U	µg/L	0.5	0.12
		SW8260	Bromodichloromethane	75-27-4	N	0.12	U	µg/L	0.5	0.12
		SW8260	Bromoform	75-25-2	N	0.08	U	µg/L	1	0.08
		SW8260	Bromoform	75-25-2	FD	0.79	F	µg/L	1	0.08
		SW8260	Bromomethane	74-83-9	FD	0.23	U	µg/L	3	0.23
		SW8260	Bromomethane	74-83-9	N	0.23	U	µg/L	3	0.23
		SW8260	Carbon Tetrachloride	56-23-5	FD	0.08	U	µg/L	1	0.08
		SW8260	Carbon Tetrachloride	56-23-5	N	0.08	U	µg/L	1	0.08
		SW8260	Chlorobenzene	108-90-7	FD	0.12	U	µg/L	0.5	0.12
		SW8260	Chlorobenzene	108-90-7	N	0.12	U	µg/L	0.5	0.12
		SW8260	Chloroethane	75-00-3	FD	0.2	U	µg/L	1	0.2
		SW8260	Chloroethane	75-00-3	N	0.2	U	µg/L	1	0.2
		SW8260	Chloroform	67-66-3	FD	0.13	U	µg/L	0.3	0.13
		SW8260	Chloroform	67-66-3	N	0.13	U	µg/L	0.3	0.13
		SW8260	Chloromethane	74-87-3	FD	0.15	U	µg/L	1	0.15
		SW8260	Chloromethane	74-87-3	N	0.15	U	µg/L	1	0.15
		SW8260	cis-1,2-DCE	156-59-2	N	1.77		µg/L	1	0.1
		SW8260	cis-1,2-DCE	156-59-2	FD	1.68		µg/L	1	0.1
		SW8260	cis-1,3-Dichloropropene	10061-01-5	N	0.1	U	µg/L	0.5	0.1
		SW8260	cis-1,3-Dichloropropene	10061-01-5	FD	0.1	U	µg/L	0.5	0.1
		SW8260	Dibromochloromethane	124-48-1	N	0.09	U	µg/L	0.5	0.09
		SW8260	Dibromochloromethane	124-48-1	FD	0.09	U	µg/L	0.5	0.09
		SW8260	Dibromomethane	74-95-3	N	0.11	U	µg/L	1	0.11
		SW8260	Dibromomethane	74-95-3	FD	0.11	U	µg/L	1	0.11

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Compliance Monitoring Well Results										
10C050RW	8/11/2005	SW8260	Dichlorodifluoromethane	75-71-8	N	0.13	U	µg/L	1	0.13
		SW8260	Dichlorodifluoromethane	75-71-8	FD	0.13	U	µg/L	1	0.13
		SW8260	Ethylbenzene	100-41-4	FD	0.08	U	µg/L	1	0.08
		SW8260	Ethylbenzene	100-41-4	N	0.08	U	µg/L	1	0.08
		SW8260	Hexachlorobutadiene	87-68-3	N	0.09	U	µg/L	0.6	0.09
		SW8260	Hexachlorobutadiene	87-68-3	FD	0.09	U	µg/L	0.6	0.09
		SW8260	Isopropylbenzene	98-82-8	FD	0.08	U	µg/L	1	0.08
		SW8260	Isopropylbenzene	98-82-8	N	0.08	U	µg/L	1	0.08
		SW8260	m,p-Xylene	108-38-3/1	FD	0.14	U	µg/L	2	0.14
		SW8260	m,p-Xylene	108-38-3/1	N	0.14	U	µg/L	2	0.14
		SW8260	MEK (2-Butanone)	78-93-3	FD	0.2	U	µg/L	10	0.2
		SW8260	MEK (2-Butanone)	78-93-3	N	0.2	U	µg/L	10	0.2
		SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	FD	0.15	U	µg/L	5	0.15
		SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	0.15	U	µg/L	5	0.15
		SW8260	Methylene Chloride	75-09-2	FD	0.2	U	µg/L	1	0.2
		SW8260	Methylene Chloride	75-09-2	N	0.2	U	µg/L	1	0.2
		SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	0.1	U	µg/L	10	0.1
		SW8260	MIBK (methyl isobutyl ketone)	108-10-1	FD	0.1	U	µg/L	10	0.1
		SW8260	Naphthalene	91-20-3	FD	0.05	U	µg/L	1	0.05
		SW8260	Naphthalene	91-20-3	N	0.05	U	µg/L	1	0.05
		SW8260	n-Butylbenzene	104-51-8	N	0.09	U	µg/L	1	0.09
		SW8260	n-Butylbenzene	104-51-8	FD	0.09	U	µg/L	1	0.09
		SW8260	n-Propylbenzene	103-65-1	N	0.08	U	µg/L	1	0.08
		SW8260	n-Propylbenzene	103-65-1	FD	0.08	U	µg/L	1	0.08
		SW8260	o-Xylene	95-47-6	FD	0.09	U	µg/L	1	0.09
		SW8260	o-Xylene	95-47-6	N	0.09	U	µg/L	1	0.09
		SW8260	p-Isopropyltoluene	99-87-6	N	0.09	U	µg/L	1	0.09
		SW8260	p-Isopropyltoluene	99-87-6	FD	0.09	U	µg/L	1	0.09
		SW8260	sec-Butylbenzene	135-98-8	N	0.07	U	µg/L	1	0.07
		SW8260	sec-Butylbenzene	135-98-8	FD	0.07	U	µg/L	1	0.07
		SW8260	Styrene	100-42-5	FD	0.08	U	µg/L	1	0.08
		SW8260	Styrene	100-42-5	N	0.08	U	µg/L	1	0.08
		SW8260	Tert-Butylbenzene	98-06-6	FD	0.07	U	µg/L	1	0.07
		SW8260	Tert-Butylbenzene	98-06-6	N	0.07	U	µg/L	1	0.07

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Compliance Monitoring Well Results										
10C050RW	8/11/2005	SW8260	Tetrachloroethylene	127-18-4	FD	27.3		µg/L	1	0.07
		SW8260	Tetrachloroethylene	127-18-4	N	28		µg/L	1	0.07
		SW8260	Toluene	108-88-3	N	0.08	U	µg/L	1	0.08
		SW8260	Toluene	108-88-3	FD	0.08	U	µg/L	1	0.08
		SW8260	trans-1,2-DCE	156-60-5	N	0.09	U	µg/L	1	0.09
		SW8260	trans-1,2-DCE	156-60-5	FD	0.09	U	µg/L	1	0.09
		SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.07	U	µg/L	1	0.07
		SW8260	trans-1,3-Dichloropropene	10061-02-6	FD	0.07	U	µg/L	1	0.07
		SW8260	Trichloroethene	79-01-6	N	181		µg/L	10	0.99
		SW8260	Trichloroethene	79-01-6	FD	183		µg/L	10	0.99
		SW8260	Trichlorofluoromethane	75-69-4	N	0.17	U	µg/L	1	0.17
		SW8260	Trichlorofluoromethane	75-69-4	FD	0.17	U	µg/L	1	0.17
		SW8260	Vinyl Chloride	75-01-4	FD	0.21	U	µg/L	1	0.21
		SW8260	Vinyl Chloride	75-01-4	N	0.21	U	µg/L	1	0.21
		SW9056	Bromide	BROMIDE	FD	0.007	U	mg/L	0.5	0.007
		SW9056	Bromide	BROMIDE	N	0.044	F	mg/L	0.5	0.007
10C051RW	E300.0M	Acetic Acid		64-19-7	N	0.008	U	mg/L	0.1	0.008
	E300.0M	Lactic Acid		50-21-5	N	0.011	U	mg/L	0.1	0.011
	E300.0M	Propionic Acid		79-09-4	N	0.009	U	mg/L	0.1	0.009
	RSK-175	Ethane		74-84-0	N	0.021	U	µg/L	0.68	0.021
	RSK-175	Ethene		74-85-1	N	0.015	U	µg/L	0.69	0.015
	RSK-175	Methane		74-82-8	N	0.153	F	µg/L	0.51	0.027
	SW6010	Manganese, dissolved		7439-96-5_D	N	0.0006	F	mg/L	0.01	0.0003
	SW8260	1,1,1,2-Tetrachloroethane		630-20-6	N	0.46	U	µg/L	2.5	0.46
	SW8260	1,1,1-TCA		71-55-6	N	0.53	U	µg/L	5	0.53
	SW8260	1,1,2,2-Tetrachloroethane		79-34-5	N	0.57	U	µg/L	2.5	0.57
	SW8260	1,1,2-Trichloroethane		79-00-5	N	0.68	U	µg/L	5	0.68
	SW8260	1,1-DCE		75-35-4	N	0.63	U	µg/L	5	0.63
	SW8260	1,1-Dichloroethane		75-34-3	N	0.66	U	µg/L	5	0.66
	SW8260	1,1-Dichloropropene		563-58-6	N	0.35	U	µg/L	5	0.35
	SW8260	1,2,3-Trichlorobenzene		87-61-6	N	0.37	U	µg/L	5	0.37
	SW8260	1,2,3-Trichloropropane		96-18-4	N	0.54	U	µg/L	5	0.54
	SW8260	1,2,4-Trichlorobenzene		120-82-1	N	0.39	U	µg/L	5	0.39
	SW8260	1,2,4-Trimethylbenzene		95-63-6	N	0.36	U	µg/L	5	0.36

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Compliance Monitoring Well Results										
10C051RW	8/11/2005	SW8260	1,2-DCA	107-06-2	N	0.5	U	µg/L	2.5	0.5
		SW8260	1,2-DCB	95-50-1	N	0.53	U	µg/L	5	0.53
		SW8260	1,2-Dibromo-3-chloropropane	96-12-8	N	0.58	U	µg/L	10	0.58
		SW8260	1,2-Dichloropropane	78-87-5	N	0.59	U	µg/L	5	0.59
		SW8260	1,2-EDB	106-93-4	N	0.43	U	µg/L	5	0.43
		SW8260	1,3,5-Trimethylbenzene	108-67-8	N	0.42	U	µg/L	5	0.42
		SW8260	1,3-DCB	541-73-1	N	0.51	U	µg/L	5	0.51
		SW8260	1,3-Dichloropropane	142-28-9	N	0.43	U	µg/L	2	0.43
		SW8260	1,4-DCB	106-46-7	N	0.67	U	µg/L	2.5	0.67
		SW8260	1-Chlorohexane	544-10-5	N	0.31	U	µg/L	5	0.31
		SW8260	2,2-Dichloropropane	594-20-7	N	0.58	U	µg/L	5	0.58
		SW8260	2-Chlorotoluene	95-49-8	N	0.41	U	µg/L	5	0.41
		SW8260	4-Chlorotoluene	106-43-4	N	0.37	U	µg/L	5	0.37
		SW8260	Acetone	67-64-1	N	3.2	U	µg/L	50	3.2
		SW8260	Benzene	71-43-2	N	0.36	U	µg/L	2	0.36
		SW8260	Bromobenzene	108-86-1	N	0.55	U	µg/L	5	0.55
		SW8260	Bromochloromethane	74-97-5	N	0.66	U	µg/L	5	0.66
		SW8260	Bromodichloromethane	75-27-4	N	0.59	U	µg/L	2.5	0.59
		SW8260	Bromoform	75-25-2	N	0.38	U	µg/L	5	0.38
		SW8260	Bromomethane	74-83-9	N	1.14	U	µg/L	15	1.14
		SW8260	Carbon Tetrachloride	56-23-5	N	0.39	U	µg/L	5	0.39
		SW8260	Chlorobenzene	108-90-7	N	0.62	U	µg/L	2.5	0.62
		SW8260	Chloroethane	75-00-3	N	1.01	U	µg/L	5	1.01
		SW8260	Chloroform	67-66-3	N	1.11	F	µg/L	1.5	0.63
		SW8260	Chloromethane	74-87-3	N	0.73	U	µg/L	5	0.73
		SW8260	cis-1,2-DCE	156-59-2	N	13.7		µg/L	5	0.48
		SW8260	cis-1,3-Dichloropropene	10061-01-5	N	0.51	U	µg/L	2.5	0.51
		SW8260	Dibromochloromethane	124-48-1	N	0.45	U	µg/L	2.5	0.45
		SW8260	Dibromomethane	74-95-3	N	0.57	U	µg/L	5	0.57
		SW8260	Dichlorodifluoromethane	75-71-8	N	0.66	U	µg/L	5	0.66
		SW8260	Ethylbenzene	100-41-4	N	0.39	U	µg/L	5	0.39
		SW8260	Hexachlorobutadiene	87-68-3	N	0.47	U	µg/L	3	0.47
		SW8260	Isopropylbenzene	98-82-8	N	0.39	U	µg/L	5	0.39
		SW8260	m,p-Xylene	108-38-3/1	N	0.68	U	µg/L	10	0.68

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Compliance Monitoring Well Results										
10C051RW	8/11/2005	SW8260	MEK (2-Butanone)	78-93-3	N	0.9	U	µg/L	50	0.9
		SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	0.75	U	µg/L	25	0.75
		SW8260	Methylene Chloride	75-09-2	N	0.99	U	µg/L	5	0.99
		SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	0.7	U	µg/L	50	0.7
		SW8260	Naphthalene	91-20-3	N	0.26	U	µg/L	5	0.26
		SW8260	n-Butylbenzene	104-51-8	N	0.44	U	µg/L	5	0.44
		SW8260	n-Propylbenzene	103-65-1	N	0.38	U	µg/L	5	0.38
		SW8260	o-Xylene	95-47-6	N	0.44	U	µg/L	5	0.44
		SW8260	p-Isopropyltoluene	99-87-6	N	0.45	U	µg/L	5	0.45
		SW8260	sec-Butylbenzene	135-98-8	N	0.37	U	µg/L	5	0.37
		SW8260	Styrene	100-42-5	N	0.41	U	µg/L	5	0.41
		SW8260	Tert-Butylbenzene	98-06-6	N	0.35	U	µg/L	5	0.35
		SW8260	Tetrachloroethylene	127-18-4	N	64.3		µg/L	5	0.36
		SW8260	Toluene	108-88-3	N	0.39	U	µg/L	5	0.39
		SW8260	trans-1,2-DCE	156-60-5	N	0.47	U	µg/L	5	0.47
		SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.33	U	µg/L	5	0.33
		SW8260	Trichloroethene	79-01-6	N	854		µg/L	50	4.93
		SW8260	Trichlorofluoromethane	75-69-4	N	0.87	U	µg/L	5	0.87
		SW8260	Vinyl Chloride	75-01-4	N	1.04	U	µg/L	5	1.04
		SW9056	Bromide	BROMIDE	N	0.007	U	mg/L	0.5	0.007
10L001MW	8/16/2005	SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	0.09	U	µg/L	0.5	0.09
		SW8260	1,1,1-TCA	71-55-6	N	0.11	U	µg/L	1	0.11
		SW8260	1,1,2,2-Tetrachloroethane	79-34-5	N	0.11	U	µg/L	0.5	0.11
		SW8260	1,1,2-Trichloroethane	79-00-5	N	0.14	U	µg/L	1	0.14
		SW8260	1,1-DCE	75-35-4	N	0.13	U	µg/L	1	0.13
		SW8260	1,1-Dichloroethane	75-34-3	N	0.13	U	µg/L	1	0.13
		SW8260	1,1-Dichloropropene	563-58-6	N	0.07	U	µg/L	1	0.07
		SW8260	1,2,3-Trichlorobenzene	87-61-6	N	0.07	U	µg/L	1	0.07
		SW8260	1,2,3-Trichloropropane	96-18-4	N	0.11	U	µg/L	1	0.11
		SW8260	1,2,4-Trichlorobenzene	120-82-1	N	0.08	U	µg/L	1	0.08
		SW8260	1,2,4-Trimethylbenzene	95-63-6	N	0.07	U	µg/L	1	0.07
		SW8260	1,2-DCA	107-06-2	N	0.1	U	µg/L	0.5	0.1
		SW8260	1,2-DCB	95-50-1	N	0.11	U	µg/L	1	0.11
		SW8260	1,2-Dibromo-3-chloropropane	96-12-8	N	0.12	U	µg/L	2	0.12

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Compliance Monitoring Well Results										
10L001MW	8/16/2005	SW8260	1,2-Dichloropropane	78-87-5	N	0.12	U	µg/L	1	0.12
		SW8260	1,2-EDB	106-93-4	N	0.09	U	µg/L	1	0.09
		SW8260	1,3,5-Trimethylbenzene	108-67-8	N	0.08	U	µg/L	1	0.08
		SW8260	1,3-DCB	541-73-1	N	0.1	U	µg/L	1	0.1
		SW8260	1,3-Dichloropropane	142-28-9	N	0.09	U	µg/L	0.4	0.09
		SW8260	1,4-DCB	106-46-7	N	0.13	U	µg/L	0.5	0.13
		SW8260	1-Chlorohexane	544-10-5	N	0.06	U	µg/L	1	0.06
		SW8260	2,2-Dichloropropane	594-20-7	N	0.12	U	µg/L	1	0.12
		SW8260	2-Chlorotoluene	95-49-8	N	0.08	U	µg/L	1	0.08
		SW8260	4-Chlorotoluene	106-43-4	N	0.07	U	µg/L	1	0.07
		SW8260	Acetone	67-64-1	N	0.6	U	µg/L	10	0.6
		SW8260	Benzene	71-43-2	N	0.07	U	µg/L	0.4	0.07
		SW8260	Bromobenzene	108-86-1	N	0.11	U	µg/L	1	0.11
		SW8260	Bromochloromethane	74-97-5	N	0.13	U	µg/L	1	0.13
		SW8260	Bromodichloromethane	75-27-4	N	0.12	U	µg/L	0.5	0.12
		SW8260	Bromoform	75-25-2	N	0.08	U	µg/L	1	0.08
		SW8260	Bromomethane	74-83-9	N	0.23	U	µg/L	3	0.23
		SW8260	Carbon Tetrachloride	56-23-5	N	0.08	U	µg/L	1	0.08
		SW8260	Chlorobenzene	108-90-7	N	0.12	U	µg/L	0.5	0.12
		SW8260	Chloroethane	75-00-3	N	0.2	U	µg/L	1	0.2
		SW8260	Chloroform	67-66-3	N	0.13	U	µg/L	0.3	0.13
		SW8260	Chloromethane	74-87-3	N	0.15	U	µg/L	1	0.15
		SW8260	cis-1,2-DCE	156-59-2	N	0.1	U	µg/L	1	0.1
		SW8260	cis-1,3-Dichloropropene	10061-01-5	N	0.1	U	µg/L	0.5	0.1
		SW8260	Dibromochloromethane	124-48-1	N	0.09	U	µg/L	0.5	0.09
		SW8260	Dibromomethane	74-95-3	N	0.11	U	µg/L	1	0.11
		SW8260	Dichlorodifluoromethane	75-71-8	N	0.13	U	µg/L	1	0.13
		SW8260	Ethylbenzene	100-41-4	N	0.08	U	µg/L	1	0.08
		SW8260	Hexachlorobutadiene	87-68-3	N	0.09	U	µg/L	0.6	0.09
		SW8260	Isopropylbenzene	98-82-8	N	0.08	U	µg/L	1	0.08
		SW8260	m,p-Xylene	108-38-3/1	N	0.14	U	µg/L	2	0.14
		SW8260	MEK (2-Butanone)	78-93-3	N	0.2	U	µg/L	10	0.2
		SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	0.15	U	µg/L	5	0.15
		SW8260	Methylene Chloride	75-09-2	N	0.2	U	µg/L	1	0.2

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Compliance Monitoring Well Results										
10L001MW	8/16/2005	SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	0.1	U	µg/L	10	0.1
		SW8260	Naphthalene	91-20-3	N	0.05	U	µg/L	1	0.05
		SW8260	n-Butylbenzene	104-51-8	N	0.09	U	µg/L	1	0.09
		SW8260	n-Propylbenzene	103-65-1	N	0.08	U	µg/L	1	0.08
		SW8260	o-Xylene	95-47-6	N	0.09	U	µg/L	1	0.09
		SW8260	p-Isopropyltoluene	99-87-6	N	0.09	U	µg/L	1	0.09
		SW8260	sec-Butylbenzene	135-98-8	N	0.07	U	µg/L	1	0.07
		SW8260	Styrene	100-42-5	N	0.08	U	µg/L	1	0.08
		SW8260	Tert-Butylbenzene	98-06-6	N	0.07	U	µg/L	1	0.07
		SW8260	Tetrachloroethylene	127-18-4	N	0.07	U	µg/L	1	0.07
		SW8260	Toluene	108-88-3	N	0.08	U	µg/L	1	0.08
		SW8260	trans-1,2-DCE	156-60-5	N	0.09	U	µg/L	1	0.09
		SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.07	U	µg/L	1	0.07
		SW8260	Trichloroethene	79-01-6	N	1.37		µg/L	1	0.1
		SW8260	Trichlorofluoromethane	75-69-4	N	0.17	U	µg/L	1	0.17
		SW8260	Vinyl Chloride	75-01-4	N	0.21	U	µg/L	1	0.21
10M005MW	8/11/2005	E300.0M	Acetic Acid	64-19-7	N	0.008	U	mg/L	0.1	0.008
		E300.0M	Lactic Acid	50-21-5	N	0.011	U	mg/L	0.1	0.011
		E300.0M	Propionic Acid	79-09-4	N	0.009	U	mg/L	0.1	0.009
		RSK-175	Ethane	74-84-0	N	0.021	U	µg/L	0.66	0.021
		RSK-175	Ethene	74-85-1	N	0.015	U	µg/L	0.67	0.015
		RSK-175	Methane	74-82-8	N	0.144	F	µg/L	0.49	0.027
		SW6010	Manganese, dissolved	7439-96-5_D	N	0.0035	F	mg/L	0.01	0.0003
		SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	0.09	U	µg/L	0.5	0.09
		SW8260	1,1,1-TCA	71-55-6	N	0.11	U	µg/L	1	0.11
		SW8260	1,1,2,2-Tetrachloroethane	79-34-5	N	0.11	U	µg/L	0.5	0.11
		SW8260	1,1,2-Trichloroethane	79-00-5	N	0.14	U	µg/L	1	0.14
		SW8260	1,1-DCE	75-35-4	N	0.13	U	µg/L	1	0.13
		SW8260	1,1-Dichloroethane	75-34-3	N	0.13	U	µg/L	1	0.13
		SW8260	1,1-Dichloropropene	563-58-6	N	0.07	U	µg/L	1	0.07
		SW8260	1,2,3-Trichlorobenzene	87-61-6	N	0.07	U	µg/L	1	0.07
		SW8260	1,2,3-Trichloropropane	96-18-4	N	0.11	U	µg/L	1	0.11
		SW8260	1,2,4-Trichlorobenzene	120-82-1	N	0.08	U	µg/L	1	0.08
		SW8260	1,2,4-Trimethylbenzene	95-63-6	N	0.07	U	µg/L	1	0.07

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Compliance Monitoring Well Results										
10M005MW	8/11/2005	SW8260	1,2-DCA	107-06-2	N	0.1	U	µg/L	0.5	0.1
		SW8260	1,2-DCB	95-50-1	N	0.11	U	µg/L	1	0.11
		SW8260	1,2-Dibromo-3-chloropropane	96-12-8	N	0.12	U	µg/L	2	0.12
		SW8260	1,2-Dichloropropane	78-87-5	N	0.12	U	µg/L	1	0.12
		SW8260	1,2-EDB	106-93-4	N	0.09	U	µg/L	1	0.09
		SW8260	1,3,5-Trimethylbenzene	108-67-8	N	0.08	U	µg/L	1	0.08
		SW8260	1,3-DCB	541-73-1	N	0.1	U	µg/L	1	0.1
		SW8260	1,3-Dichloropropane	142-28-9	N	0.09	U	µg/L	0.4	0.09
		SW8260	1,4-DCB	106-46-7	N	0.13	U	µg/L	0.5	0.13
		SW8260	1-Chlorohexane	544-10-5	N	0.06	U	µg/L	1	0.06
		SW8260	2,2-Dichloropropane	594-20-7	N	0.12	U	µg/L	1	0.12
		SW8260	2-Chlorotoluene	95-49-8	N	0.08	U	µg/L	1	0.08
		SW8260	4-Chlorotoluene	106-43-4	N	0.07	U	µg/L	1	0.07
		SW8260	Acetone	67-64-1	N	0.6	U	µg/L	10	0.6
		SW8260	Benzene	71-43-2	N	0.07	U	µg/L	0.4	0.07
		SW8260	Bromobenzene	108-86-1	N	0.11	U	µg/L	1	0.11
		SW8260	Bromochloromethane	74-97-5	N	0.13	U	µg/L	1	0.13
		SW8260	Bromodichloromethane	75-27-4	N	0.12	U	µg/L	0.5	0.12
		SW8260	Bromoform	75-25-2	N	0.08	U	µg/L	1	0.08
		SW8260	Bromomethane	74-83-9	N	0.23	U	µg/L	3	0.23
		SW8260	Carbon Tetrachloride	56-23-5	N	0.08	U	µg/L	1	0.08
		SW8260	Chlorobenzene	108-90-7	N	0.12	U	µg/L	0.5	0.12
		SW8260	Chloroethane	75-00-3	N	0.2	U	µg/L	1	0.2
		SW8260	Chloroform	67-66-3	N	0.13	U	µg/L	0.3	0.13
		SW8260	Chloromethane	74-87-3	N	0.15	U	µg/L	1	0.15
		SW8260	cis-1,2-DCE	156-59-2	N	0.1	U	µg/L	1	0.1
		SW8260	cis-1,3-Dichloropropene	10061-01-5	N	0.1	U	µg/L	0.5	0.1
		SW8260	Dibromochloromethane	124-48-1	N	0.09	U	µg/L	0.5	0.09
		SW8260	Dibromomethane	74-95-3	N	0.11	U	µg/L	1	0.11
		SW8260	Dichlorodifluoromethane	75-71-8	N	0.13	U	µg/L	1	0.13
		SW8260	Ethylbenzene	100-41-4	N	0.08	U	µg/L	1	0.08
		SW8260	Hexachlorobutadiene	87-68-3	N	0.09	U	µg/L	0.6	0.09
		SW8260	Isopropylbenzene	98-82-8	N	0.08	U	µg/L	1	0.08
		SW8260	m,p-Xylene	108-38-3/1	N	0.14	U	µg/L	2	0.14

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Compliance Monitoring Well Results										
10M005MW	8/11/2005	SW8260	MEK (2-Butanone)	78-93-3	N	0.2	U	µg/L	10	0.2
		SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	0.15	U	µg/L	5	0.15
		SW8260	Methylene Chloride	75-09-2	N	0.2	U	µg/L	1	0.2
		SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	0.1	U	µg/L	10	0.1
		SW8260	Naphthalene	91-20-3	N	0.05	U	µg/L	1	0.05
		SW8260	n-Butylbenzene	104-51-8	N	0.09	U	µg/L	1	0.09
		SW8260	n-Propylbenzene	103-65-1	N	0.08	U	µg/L	1	0.08
		SW8260	o-Xylene	95-47-6	N	0.09	U	µg/L	1	0.09
		SW8260	p-Isopropyltoluene	99-87-6	N	0.09	U	µg/L	1	0.09
		SW8260	sec-Butylbenzene	135-98-8	N	0.07	U	µg/L	1	0.07
		SW8260	Styrene	100-42-5	N	0.08	U	µg/L	1	0.08
		SW8260	Tert-Butylbenzene	98-06-6	N	0.07	U	µg/L	1	0.07
		SW8260	Tetrachloroethylene	127-18-4	N	0.07	U	µg/L	1	0.07
		SW8260	Toluene	108-88-3	N	0.08	U	µg/L	1	0.08
		SW8260	trans-1,2-DCE	156-60-5	N	0.09	U	µg/L	1	0.09
		SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.07	U	µg/L	1	0.07
		SW8260	Trichloroethene	79-01-6	N	0.1	U	µg/L	1	0.1
		SW8260	Trichlorofluoromethane	75-69-4	N	0.17	U	µg/L	1	0.17
		SW8260	Vinyl Chloride	75-01-4	N	0.21	U	µg/L	1	0.21
		SW9056	Bromide	BROMIDE	N	0.007	U	mg/L	0.5	0.007
10R001MW	8/16/2005	SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	0.09	U	µg/L	0.5	0.09
		SW8260	1,1,1-TCA	71-55-6	N	0.11	U	µg/L	1	0.11
		SW8260	1,1,2,2-Tetrachloroethane	79-34-5	N	0.11	U	µg/L	0.5	0.11
		SW8260	1,1,2-Trichloroethane	79-00-5	N	0.14	U	µg/L	1	0.14
		SW8260	1,1-DCE	75-35-4	N	0.13	U	µg/L	1	0.13
		SW8260	1,1-Dichloroethane	75-34-3	N	0.13	U	µg/L	1	0.13
		SW8260	1,1-Dichloropropene	563-58-6	N	0.07	U	µg/L	1	0.07
		SW8260	1,2,3-Trichlorobenzene	87-61-6	N	0.07	U	µg/L	1	0.07
		SW8260	1,2,3-Trichloropropane	96-18-4	N	0.11	U	µg/L	1	0.11
		SW8260	1,2,4-Trichlorobenzene	120-82-1	N	0.08	U	µg/L	1	0.08
		SW8260	1,2,4-Trimethylbenzene	95-63-6	N	0.07	U	µg/L	1	0.07
		SW8260	1,2-DCA	107-06-2	N	0.1	U	µg/L	0.5	0.1
		SW8260	1,2-DCB	95-50-1	N	0.11	U	µg/L	1	0.11
		SW8260	1,2-Dibromo-3-chloropropane	96-12-8	N	0.12	U	µg/L	2	0.12

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Compliance Monitoring Well Results										
10R001MW	8/16/2005	SW8260	1,2-Dichloropropane	78-87-5	N	0.12	U	µg/L	1	0.12
		SW8260	1,2-EDB	106-93-4	N	0.09	U	µg/L	1	0.09
		SW8260	1,3,5-Trimethylbenzene	108-67-8	N	0.08	U	µg/L	1	0.08
		SW8260	1,3-DCB	541-73-1	N	0.1	U	µg/L	1	0.1
		SW8260	1,3-Dichloropropane	142-28-9	N	0.09	U	µg/L	0.4	0.09
		SW8260	1,4-DCB	106-46-7	N	0.13	U	µg/L	0.5	0.13
		SW8260	1-Chlorohexane	544-10-5	N	0.06	U	µg/L	1	0.06
		SW8260	2,2-Dichloropropane	594-20-7	N	0.12	U	µg/L	1	0.12
		SW8260	2-Chlorotoluene	95-49-8	N	0.08	U	µg/L	1	0.08
		SW8260	4-Chlorotoluene	106-43-4	N	0.07	U	µg/L	1	0.07
		SW8260	Acetone	67-64-1	N	1.2	F	µg/L	10	0.6
		SW8260	Benzene	71-43-2	N	0.1	F	µg/L	0.4	0.07
		SW8260	Bromobenzene	108-86-1	N	0.11	U	µg/L	1	0.11
		SW8260	Bromochloromethane	74-97-5	N	0.13	U	µg/L	1	0.13
		SW8260	Bromodichloromethane	75-27-4	N	0.12	U	µg/L	0.5	0.12
		SW8260	Bromoform	75-25-2	N	0.08	U	µg/L	1	0.08
		SW8260	Bromomethane	74-83-9	N	0.23	U	µg/L	3	0.23
		SW8260	Carbon Tetrachloride	56-23-5	N	0.08	U	µg/L	1	0.08
		SW8260	Chlorobenzene	108-90-7	N	0.12	U	µg/L	0.5	0.12
		SW8260	Chloroethane	75-00-3	N	0.2	U	µg/L	1	0.2
		SW8260	Chloroform	67-66-3	N	0.13	U	µg/L	0.3	0.13
		SW8260	Chloromethane	74-87-3	N	0.15	U	µg/L	1	0.15
		SW8260	cis-1,2-DCE	156-59-2	N	0.1	U	µg/L	1	0.1
		SW8260	cis-1,3-Dichloropropene	10061-01-5	N	0.1	U	µg/L	0.5	0.1
		SW8260	Dibromochloromethane	124-48-1	N	0.09	U	µg/L	0.5	0.09
		SW8260	Dibromomethane	74-95-3	N	0.11	U	µg/L	1	0.11
		SW8260	Dichlorodifluoromethane	75-71-8	N	0.13	U	µg/L	1	0.13
		SW8260	Ethylbenzene	100-41-4	N	0.08	U	µg/L	1	0.08
		SW8260	Hexachlorobutadiene	87-68-3	N	0.09	U	µg/L	0.6	0.09
		SW8260	Isopropylbenzene	98-82-8	N	0.08	U	µg/L	1	0.08
		SW8260	m,p-Xylene	108-38-3/1	N	0.14	U	µg/L	2	0.14
		SW8260	MEK (2-Butanone)	78-93-3	N	0.2	U	µg/L	10	0.2
		SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	0.43	F	µg/L	5	0.15
		SW8260	Methylene Chloride	75-09-2	N	0.2	U	µg/L	1	0.2

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Compliance Monitoring Well Results										
10R001MW	8/16/2005	SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	0.1	U	µg/L	10	0.1
		SW8260	Naphthalene	91-20-3	N	0.05	U	µg/L	1	0.05
		SW8260	n-Butylbenzene	104-51-8	N	0.09	U	µg/L	1	0.09
		SW8260	n-Propylbenzene	103-65-1	N	0.08	U	µg/L	1	0.08
		SW8260	o-Xylene	95-47-6	N	0.09	U	µg/L	1	0.09
		SW8260	p-Isopropyltoluene	99-87-6	N	0.09	U	µg/L	1	0.09
		SW8260	sec-Butylbenzene	135-98-8	N	0.07	U	µg/L	1	0.07
		SW8260	Styrene	100-42-5	N	0.08	U	µg/L	1	0.08
		SW8260	Tert-Butylbenzene	98-06-6	N	0.07	U	µg/L	1	0.07
		SW8260	Tetrachloroethylene	127-18-4	N	0.07	U	µg/L	1	0.07
		SW8260	Toluene	108-88-3	N	0.08	U	µg/L	1	0.08
		SW8260	trans-1,2-DCE	156-60-5	N	0.09	U	µg/L	1	0.09
		SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.07	U	µg/L	1	0.07
		SW8260	Trichloroethene	79-01-6	N	0.27	F	µg/L	1	0.1
		SW8260	Trichlorofluoromethane	75-69-4	N	0.17	U	µg/L	1	0.17
		SW8260	Vinyl Chloride	75-01-4	N	0.21	U	µg/L	1	0.21

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Performance Monitoring Well Results										
10C001MW	8/11/2005	E300.0M	Acetic Acid	64-19-7	N	0.008	U	mg/L	0.1	0.008
		E300.0M	Lactic Acid	50-21-5	N	0.011	U	mg/L	0.1	0.011
		E300.0M	Propionic Acid	79-09-4	N	0.009	U	mg/L	0.1	0.009
		E310.1	Alkalinity	ALKALINITY	N	242		mg/L	10	0.95
		E310.1	Alkalinity, Bicarbonate	BICARBONATI	N	242		mg/L	10	0.95
		RSK-175	Ethane	74-84-0	N	0.053	F	µg/L	0.68	0.021
		RSK-175	Ethene	74-85-1	N	0.136	F	µg/L	0.69	0.015
		RSK-175	Methane	74-82-8	N	5.29		µg/L	0.51	0.027
		SW6010	Iron, dissolved	7439-89-6_D	N	0.005	U	mg/L	0.2	0.005
		SW6010	Manganese, dissolved	7439-96-5_D	N	0.0758		mg/L	0.01	0.0003
		SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	0.46	U	µg/L	2.5	0.46
		SW8260	1,1,1-TCA	71-55-6	N	0.53	U	µg/L	5	0.53
		SW8260	1,1,2,2-Tetrachloroethane	79-34-5	N	0.57	U	µg/L	2.5	0.57
		SW8260	1,1,2-Trichloroethane	79-00-5	N	0.68	U	µg/L	5	0.68
		SW8260	1,1-DCE	75-35-4	N	1.15	F	µg/L	5	0.63
		SW8260	1,1-Dichloroethane	75-34-3	N	0.66	U	µg/L	5	0.66
		SW8260	1,1-Dichloropropene	563-58-6	N	0.35	U	µg/L	5	0.35
		SW8260	1,2,3-Trichlorobenzene	87-61-6	N	0.37	U	µg/L	5	0.37
		SW8260	1,2,3-Trichloropropane	96-18-4	N	0.54	U	µg/L	5	0.54
		SW8260	1,2,4-Trichlorobenzene	120-82-1	N	0.39	U	µg/L	5	0.39
		SW8260	1,2,4-Trimethylbenzene	95-63-6	N	0.36	U	µg/L	5	0.36
		SW8260	1,2-DCA	107-06-2	N	0.5	U	µg/L	2.5	0.5
		SW8260	1,2-DCB	95-50-1	N	0.53	U	µg/L	5	0.53
		SW8260	1,2-Dibromo-3-chloropropane	96-12-8	N	0.58	U	µg/L	10	0.58
		SW8260	1,2-Dichloropropane	78-87-5	N	0.59	U	µg/L	5	0.59
		SW8260	1,2-EDB	106-93-4	N	0.43	U	µg/L	5	0.43
		SW8260	1,3,5-Trimethylbenzene	108-67-8	N	0.42	U	µg/L	5	0.42
		SW8260	1,3-DCB	541-73-1	N	0.51	U	µg/L	5	0.51
		SW8260	1,3-Dichloropropane	142-28-9	N	0.43	U	µg/L	2	0.43
		SW8260	1,4-DCB	106-46-7	N	0.67	U	µg/L	2.5	0.67
		SW8260	1-Chlorohexane	544-10-5	N	0.31	U	µg/L	5	0.31
		SW8260	2,2-Dichloropropane	594-20-7	N	0.58	U	µg/L	5	0.58
		SW8260	2-Chlorotoluene	95-49-8	N	0.41	U	µg/L	5	0.41
		SW8260	4-Chlorotoluene	106-43-4	N	0.37	U	µg/L	5	0.37

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Performance Monitoring Well Results										
10C001MW	8/11/2005	SW8260	Acetone	67-64-1	N	3.2	U	µg/L	50	3.2
		SW8260	Benzene	71-43-2	N	0.36	U	µg/L	2	0.36
		SW8260	Bromobenzene	108-86-1	N	0.55	U	µg/L	5	0.55
		SW8260	Bromochloromethane	74-97-5	N	0.66	U	µg/L	5	0.66
		SW8260	Bromodichloromethane	75-27-4	N	0.59	U	µg/L	2.5	0.59
		SW8260	Bromoform	75-25-2	N	0.38	U	µg/L	5	0.38
		SW8260	Bromomethane	74-83-9	N	1.14	U	µg/L	15	1.14
		SW8260	Carbon Tetrachloride	56-23-5	N	0.39	U	µg/L	5	0.39
		SW8260	Chlorobenzene	108-90-7	N	0.62	U	µg/L	2.5	0.62
		SW8260	Chloroethane	75-00-3	N	1.01	U	µg/L	5	1.01
		SW8260	Chloroform	67-66-3	N	0.92	F	µg/L	1.5	0.63
		SW8260	Chloromethane	74-87-3	N	0.73	U	µg/L	5	0.73
		SW8260	cis-1,2-DCE	156-59-2	N	1130		µg/L	50	4.76
		SW8260	cis-1,3-Dichloropropene	10061-01-5	N	0.51	U	µg/L	2.5	0.51
		SW8260	Dibromochloromethane	124-48-1	N	0.45	U	µg/L	2.5	0.45
		SW8260	Dibromomethane	74-95-3	N	0.57	U	µg/L	5	0.57
		SW8260	Dichlorodifluoromethane	75-71-8	N	0.66	U	µg/L	5	0.66
		SW8260	Ethylbenzene	100-41-4	N	0.39	U	µg/L	5	0.39
		SW8260	Hexachlorobutadiene	87-68-3	N	0.47	U	µg/L	3	0.47
		SW8260	Isopropylbenzene	98-82-8	N	0.39	U	µg/L	5	0.39
		SW8260	m,p-Xylene	108-38-3/1	N	0.68	U	µg/L	10	0.68
		SW8260	MEK (2-Butanone)	78-93-3	N	0.9	U	µg/L	50	0.9
		SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	0.75	U	µg/L	25	0.75
		SW8260	Methylene Chloride	75-09-2	N	0.99	U	µg/L	5	0.99
		SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	0.7	U	µg/L	50	0.7
		SW8260	Naphthalene	91-20-3	N	0.26	U	µg/L	5	0.26
		SW8260	n-Butylbenzene	104-51-8	N	0.44	U	µg/L	5	0.44
		SW8260	n-Propylbenzene	103-65-1	N	0.38	U	µg/L	5	0.38
		SW8260	o-Xylene	95-47-6	N	0.44	U	µg/L	5	0.44
		SW8260	p-Isopropyltoluene	99-87-6	N	0.45	U	µg/L	5	0.45
		SW8260	sec-Butylbenzene	135-98-8	N	0.37	U	µg/L	5	0.37
		SW8260	Styrene	100-42-5	N	0.41	U	µg/L	5	0.41
		SW8260	Tert-Butylbenzene	98-06-6	N	0.35	U	µg/L	5	0.35
		SW8260	Tetrachloroethylene	127-18-4	N	66.9		µg/L	5	0.36

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Performance Monitoring Well Results										
10C001MW	8/11/2005	SW8260	Toluene	108-88-3	N	0.39	U	µg/L	5	0.39
		SW8260	trans-1,2-DCE	156-60-5	N	2.9	F	µg/L	5	0.47
		SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.33	U	µg/L	5	0.33
		SW8260	Trichloroethene	79-01-6	N	862		µg/L	50	4.93
		SW8260	Trichlorofluoromethane	75-69-4	N	0.87	U	µg/L	5	0.87
		SW8260	Vinyl Chloride	75-01-4	N	1.04	U	µg/L	5	1.04
		SW9056	Chloride	CHLORIDE	N	20.4		mg/L	1	0.01
		SW9056	Nitrate-N	NITRATE	N	0.21	F	mg/L	1	0.002
		SW9056	Phosphate	PHOSPHATE	N	0.01	U	mg/L	1	0.01
		SW9056	Sulfate	SULFATE	N	2.97		mg/L	1	0.01
		SW9060	Dissolved Organic Carbon	DOC	N	1.95	F	mg/L	2	0.06
		SW9060	Total Organic Carbon	TOC	N	1.82	F	mg/L	2	0.06
10C025RW	9/8/2005	E300.0M	Acetic Acid	64-19-7	N	0.008	U	mg/L	0.1	0.008
		E300.0M	Lactic Acid	50-21-5	N	0.011	U	mg/L	0.1	0.011
		E300.0M	Propionic Acid	79-09-4	N	0.009	U	mg/L	0.1	0.009
		RSK-175	Ethane	74-84-0	N	0.232	F	µg/L	0.84	0.026
		RSK-175	Ethene	74-85-1	N	2.796		µg/L	0.84	0.018
		RSK-175	Methane	74-82-8	N	7.31		µg/L	0.63	0.034
	9/9/2005	SW9056	Chloride	CHLORIDE	N	61.4		mg/L	1	0.01
		SW9056	Nitrate-N	NITRATE	N	0.39	F	mg/L	1	0.002
		SW9056	Nitrite-N	NITRITE	N	0.01	U	mg/L	1	0.01
		SW9056	Phosphate	PHOSPHATE	N	0.01	U	mg/L	1	0.01
		SW9056	Sulfate	SULFATE	N	8.56		mg/L	1	0.01
10C026RW	9/8/2005	RSK-175	Ethane	74-84-0	N	0.126	F	µg/L	0.83	0.026
		RSK-175	Ethene	74-85-1	N	0.184	F	µg/L	0.84	0.018
		RSK-175	Methane	74-82-8	N	0.285	F	µg/L	0.62	0.034
		SW9030	Sulfide	SULFIDE	N	1.52	F	mg/L	2	0.43
		SW9056	Chloride	CHLORIDE	N	41.6		mg/L	1	0.01
		SW9056	Nitrate-N	NITRATE	N	1.88		mg/L	1	0.002
		SW9056	Nitrite-N	NITRITE	N	0.07	F	mg/L	1	0.01
		SW9056	Phosphate	PHOSPHATE	N	0.08	F	mg/L	1	0.01
		SW9056	Sulfate	SULFATE	N	7.89		mg/L	1	0.01
10C033RW	8/12/2005	SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	0.09	U	µg/L	0.5	0.09
		SW8260	1,1,1-TCA	71-55-6	N	0.11	U	µg/L	1	0.11

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Performance Monitoring Well Results										
10C033RW	8/12/2005	SW8260	1,1,2,2-Tetrachloroethane	79-34-5	N	0.11	U	µg/L	0.5	0.11
		SW8260	1,1,2-Trichloroethane	79-00-5	N	0.14	U	µg/L	1	0.14
		SW8260	1,1-DCE	75-35-4	N	0.13	U	µg/L	1	0.13
		SW8260	1,1-Dichloroethane	75-34-3	N	0.13	U	µg/L	1	0.13
		SW8260	1,1-Dichloropropene	563-58-6	N	0.07	U	µg/L	1	0.07
		SW8260	1,2,3-Trichlorobenzene	87-61-6	N	0.07	U	µg/L	1	0.07
		SW8260	1,2,3-Trichloropropane	96-18-4	N	0.11	U	µg/L	1	0.11
		SW8260	1,2,4-Trichlorobenzene	120-82-1	N	0.08	U	µg/L	1	0.08
		SW8260	1,2,4-Trimethylbenzene	95-63-6	N	0.07	U	µg/L	1	0.07
		SW8260	1,2-DCA	107-06-2	N	0.1	U	µg/L	0.5	0.1
		SW8260	1,2-DCB	95-50-1	N	0.11	U	µg/L	1	0.11
		SW8260	1,2-Dibromo-3-chloropropane	96-12-8	N	0.12	U	µg/L	2	0.12
		SW8260	1,2-Dichloropropane	78-87-5	N	0.12	U	µg/L	1	0.12
		SW8260	1,2-EDB	106-93-4	N	0.09	U	µg/L	1	0.09
		SW8260	1,3,5-Trimethylbenzene	108-67-8	N	0.08	U	µg/L	1	0.08
		SW8260	1,3-DCB	541-73-1	N	0.1	U	µg/L	1	0.1
		SW8260	1,3-Dichloropropane	142-28-9	N	0.09	U	µg/L	0.4	0.09
		SW8260	1,4-DCB	106-46-7	N	0.13	U	µg/L	0.5	0.13
		SW8260	1-Chlorohexane	544-10-5	N	0.06	U	µg/L	1	0.06
		SW8260	2,2-Dichloropropane	594-20-7	N	0.12	U	µg/L	1	0.12
		SW8260	2-Chlorotoluene	95-49-8	N	0.08	U	µg/L	1	0.08
		SW8260	4-Chlorotoluene	106-43-4	N	0.07	U	µg/L	1	0.07
		SW8260	Acetone	67-64-1	N	0.6	U	µg/L	10	0.6
		SW8260	Benzene	71-43-2	N	0.07	U	µg/L	0.4	0.07
		SW8260	Bromobenzene	108-86-1	N	0.11	U	µg/L	1	0.11
		SW8260	Bromochloromethane	74-97-5	N	0.13	U	µg/L	1	0.13
		SW8260	Bromodichloromethane	75-27-4	N	0.12	U	µg/L	0.5	0.12
		SW8260	Bromoform	75-25-2	N	0.08	U	µg/L	1	0.08
		SW8260	Bromomethane	74-83-9	N	0.23	U	µg/L	3	0.23
		SW8260	Carbon Tetrachloride	56-23-5	N	0.08	U	µg/L	1	0.08
		SW8260	Chlorobenzene	108-90-7	N	0.12	U	µg/L	0.5	0.12
		SW8260	Chloroethane	75-00-3	N	0.2	U	µg/L	1	0.2
		SW8260	Chloroform	67-66-3	N	0.13	U	µg/L	0.3	0.13
		SW8260	Chloromethane	74-87-3	N	0.15	U	µg/L	1	0.15

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Performance Monitoring Well Results										
10C033RW	8/12/2005	SW8260	cis-1,2-DCE	156-59-2	N	15.5	U	µg/L	1	0.1
		SW8260	cis-1,3-Dichloropropene	10061-01-5	N	0.1	U	µg/L	0.5	0.1
		SW8260	Dibromochloromethane	124-48-1	N	0.09	U	µg/L	0.5	0.09
		SW8260	Dibromomethane	74-95-3	N	0.11	U	µg/L	1	0.11
		SW8260	Dichlorodifluoromethane	75-71-8	N	0.13	U	µg/L	1	0.13
		SW8260	Ethylbenzene	100-41-4	N	0.08	U	µg/L	1	0.08
		SW8260	Hexachlorobutadiene	87-68-3	N	0.09	U	µg/L	0.6	0.09
		SW8260	Isopropylbenzene	98-82-8	N	0.08	U	µg/L	1	0.08
		SW8260	m,p-Xylene	108-38-3/1	N	0.14	U	µg/L	2	0.14
		SW8260	MEK (2-Butanone)	78-93-3	N	0.2	U	µg/L	10	0.2
		SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	0.15	U	µg/L	5	0.15
		SW8260	Methylene Chloride	75-09-2	N	0.2	U	µg/L	1	0.2
		SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	0.1	U	µg/L	10	0.1
		SW8260	Naphthalene	91-20-3	N	0.05	U	µg/L	1	0.05
		SW8260	n-Butylbenzene	104-51-8	N	0.09	U	µg/L	1	0.09
		SW8260	n-Propylbenzene	103-65-1	N	0.08	U	µg/L	1	0.08
		SW8260	o-Xylene	95-47-6	N	0.09	U	µg/L	1	0.09
		SW8260	p-Isopropyltoluene	99-87-6	N	0.09	U	µg/L	1	0.09
		SW8260	sec-Butylbenzene	135-98-8	N	0.07	U	µg/L	1	0.07
		SW8260	Styrene	100-42-5	N	0.08	U	µg/L	1	0.08
		SW8260	Tert-Butylbenzene	98-06-6	N	0.07	U	µg/L	1	0.07
		SW8260	Tetrachloroethylene	127-18-4	N	0.12	F	µg/L	1	0.07
		SW8260	Toluene	108-88-3	N	0.08	U	µg/L	1	0.08
		SW8260	trans-1,2-DCE	156-60-5	N	0.09	U	µg/L	1	0.09
		SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.07	U	µg/L	1	0.07
		SW8260	Trichloroethene	79-01-6	N	23.4		µg/L	1	0.1
		SW8260	Trichlorofluoromethane	75-69-4	N	0.17	U	µg/L	1	0.17
		SW8260	Vinyl Chloride	75-01-4	N	0.21	U	µg/L	1	0.21
10C040RW		SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	0.09	U	µg/L	0.5	0.09
		SW8260	1,1,1-TCA	71-55-6	N	0.11	U	µg/L	1	0.11
		SW8260	1,1,2,2-Tetrachloroethane	79-34-5	N	0.11	U	µg/L	0.5	0.11
		SW8260	1,1,2-Trichloroethane	79-00-5	N	0.14	U	µg/L	1	0.14
		SW8260	1,1-DCE	75-35-4	N	0.13	U	µg/L	1	0.13
		SW8260	1,1-Dichloroethane	75-34-3	N	0.13	U	µg/L	1	0.13

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Performance Monitoring Well Results										
10C040RW	8/12/2005	SW8260	1,1-Dichloropropene	563-58-6	N	0.07	U	µg/L	1	0.07
		SW8260	1,2,3-Trichlorobenzene	87-61-6	N	0.07	U	µg/L	1	0.07
		SW8260	1,2,3-Trichloropropane	96-18-4	N	0.11	U	µg/L	1	0.11
		SW8260	1,2,4-Trichlorobenzene	120-82-1	N	0.08	U	µg/L	1	0.08
		SW8260	1,2,4-Trimethylbenzene	95-63-6	N	0.07	U	µg/L	1	0.07
		SW8260	1,2-DCA	107-06-2	N	0.1	U	µg/L	0.5	0.1
		SW8260	1,2-DCB	95-50-1	N	0.11	U	µg/L	1	0.11
		SW8260	1,2-Dibromo-3-chloropropane	96-12-8	N	0.12	U	µg/L	2	0.12
		SW8260	1,2-Dichloropropane	78-87-5	N	0.12	U	µg/L	1	0.12
		SW8260	1,2-EDB	106-93-4	N	0.09	U	µg/L	1	0.09
		SW8260	1,3,5-Trimethylbenzene	108-67-8	N	0.08	U	µg/L	1	0.08
		SW8260	1,3-DCB	541-73-1	N	0.1	U	µg/L	1	0.1
		SW8260	1,3-Dichloropropane	142-28-9	N	0.09	U	µg/L	0.4	0.09
		SW8260	1,4-DCB	106-46-7	N	0.13	U	µg/L	0.5	0.13
		SW8260	1-Chlorohexane	544-10-5	N	0.06	U	µg/L	1	0.06
		SW8260	2,2-Dichloropropane	594-20-7	N	0.12	U	µg/L	1	0.12
		SW8260	2-Chlorotoluene	95-49-8	N	0.08	U	µg/L	1	0.08
		SW8260	4-Chlorotoluene	106-43-4	N	0.07	U	µg/L	1	0.07
		SW8260	Acetone	67-64-1	N	0.6	U	µg/L	10	0.6
		SW8260	Benzene	71-43-2	N	0.07	U	µg/L	0.4	0.07
		SW8260	Bromobenzene	108-86-1	N	0.11	U	µg/L	1	0.11
		SW8260	Bromochloromethane	74-97-5	N	0.13	U	µg/L	1	0.13
		SW8260	Bromodichloromethane	75-27-4	N	0.12	U	µg/L	0.5	0.12
		SW8260	Bromoform	75-25-2	N	0.08	U	µg/L	1	0.08
		SW8260	Bromomethane	74-83-9	N	0.23	U	µg/L	3	0.23
		SW8260	Carbon Tetrachloride	56-23-5	N	0.08	U	µg/L	1	0.08
		SW8260	Chlorobenzene	108-90-7	N	0.12	U	µg/L	0.5	0.12
		SW8260	Chloroethane	75-00-3	N	0.2	U	µg/L	1	0.2
		SW8260	Chloroform	67-66-3	N	0.13	U	µg/L	0.3	0.13
		SW8260	Chloromethane	74-87-3	N	0.15	U	µg/L	1	0.15
		SW8260	cis-1,2-DCE	156-59-2	N	9.3	U	µg/L	1	0.1
		SW8260	cis-1,3-Dichloropropene	10061-01-5	N	0.1	U	µg/L	0.5	0.1
		SW8260	Dibromochloromethane	124-48-1	N	0.09	U	µg/L	0.5	0.09
		SW8260	Dibromomethane	74-95-3	N	0.11	U	µg/L	1	0.11

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Performance Monitoring Well Results										
10C040RW	8/12/2005	SW8260	Dichlorodifluoromethane	75-71-8	N	0.13	U	µg/L	1	0.13
		SW8260	Ethylbenzene	100-41-4	N	0.08	U	µg/L	1	0.08
		SW8260	Hexachlorobutadiene	87-68-3	N	0.09	U	µg/L	0.6	0.09
		SW8260	Isopropylbenzene	98-82-8	N	0.08	U	µg/L	1	0.08
		SW8260	m,p-Xylene	108-38-3/1	N	0.14	U	µg/L	2	0.14
		SW8260	MEK (2-Butanone)	78-93-3	N	0.2	U	µg/L	10	0.2
		SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	0.15	U	µg/L	5	0.15
		SW8260	Methylene Chloride	75-09-2	N	0.2	U	µg/L	1	0.2
		SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	0.1	U	µg/L	10	0.1
		SW8260	Naphthalene	91-20-3	N	0.05	U	µg/L	1	0.05
		SW8260	n-Butylbenzene	104-51-8	N	0.09	U	µg/L	1	0.09
		SW8260	n-Propylbenzene	103-65-1	N	0.08	U	µg/L	1	0.08
		SW8260	o-Xylene	95-47-6	N	0.09	U	µg/L	1	0.09
		SW8260	p-Isopropyltoluene	99-87-6	N	0.09	U	µg/L	1	0.09
		SW8260	sec-Butylbenzene	135-98-8	N	0.07	U	µg/L	1	0.07
		SW8260	Styrene	100-42-5	N	0.08	U	µg/L	1	0.08
		SW8260	Tert-Butylbenzene	98-06-6	N	0.07	U	µg/L	1	0.07
		SW8260	Tetrachloroethylene	127-18-4	N	0.07	U	µg/L	1	0.07
		SW8260	Toluene	108-88-3	N	0.08	U	µg/L	1	0.08
		SW8260	trans-1,2-DCE	156-60-5	N	0.09	U	µg/L	1	0.09
10C047MW	8/11/2005	SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.07	U	µg/L	1	0.07
		SW8260	Trichloroethene	79-01-6	N	14.4		µg/L	1	0.1
		SW8260	Trichlorofluoromethane	75-69-4	N	0.17	U	µg/L	1	0.17
		SW8260	Vinyl Chloride	75-01-4	N	0.21	U	µg/L	1	0.21
		E300.0M	Acetic Acid	64-19-7	N	0.008	U	mg/L	0.1	0.008
		E300.0M	Lactic Acid	50-21-5	N	0.011	U	mg/L	0.1	0.011
		E300.0M	Propionic Acid	79-09-4	N	0.009	U	mg/L	0.1	0.009
		E310.1	Alkalinity		ALKALINITY	143		mg/L	10	0.95
		E310.1	Alkalinity, Bicarbonate		BICARBONATI	143		mg/L	10	0.95
		RSK-175	Ethane	74-84-0	N	0.019	U	µg/L	0.6	0.019
		RSK-175	Ethene	74-85-1	N	0.041	F	µg/L	0.62	0.013
		RSK-175	Methane	74-82-8	N	0.232	F	µg/L	0.44	0.024
		SW6010	Iron, dissolved	7439-89-6_D	N	0.009	F	mg/L	0.2	0.005
		SW6010	Manganese, dissolved	7439-96-5_D	N	0.0013	F	mg/L	0.01	0.0003

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Performance Monitoring Well Results										
10C047MW	8/11/2005	SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	0.09	U	µg/L	0.5	0.09
		SW8260	1,1,1-TCA	71-55-6	N	0.11	U	µg/L	1	0.11
		SW8260	1,1,2,2-Tetrachloroethane	79-34-5	N	0.11	U	µg/L	0.5	0.11
		SW8260	1,1,2-Trichloroethane	79-00-5	N	0.14	U	µg/L	1	0.14
		SW8260	1,1-DCE	75-35-4	N	0.13	U	µg/L	1	0.13
		SW8260	1,1-Dichloroethane	75-34-3	N	0.13	U	µg/L	1	0.13
		SW8260	1,1-Dichloropropene	563-58-6	N	0.07	U	µg/L	1	0.07
		SW8260	1,2,3-Trichlorobenzene	87-61-6	N	0.07	U	µg/L	1	0.07
		SW8260	1,2,3-Trichloropropane	96-18-4	N	0.11	U	µg/L	1	0.11
		SW8260	1,2,4-Trichlorobenzene	120-82-1	N	0.08	U	µg/L	1	0.08
		SW8260	1,2,4-Trimethylbenzene	95-63-6	N	0.07	U	µg/L	1	0.07
		SW8260	1,2-DCA	107-06-2	N	0.1	U	µg/L	0.5	0.1
		SW8260	1,2-DCB	95-50-1	N	0.11	U	µg/L	1	0.11
		SW8260	1,2-Dibromo-3-chloropropane	96-12-8	N	0.12	U	µg/L	2	0.12
		SW8260	1,2-Dichloropropane	78-87-5	N	0.12	U	µg/L	1	0.12
		SW8260	1,2-EDB	106-93-4	N	0.09	U	µg/L	1	0.09
		SW8260	1,3,5-Trimethylbenzene	108-67-8	N	0.08	U	µg/L	1	0.08
		SW8260	1,3-DCB	541-73-1	N	0.1	U	µg/L	1	0.1
		SW8260	1,3-Dichloropropane	142-28-9	N	0.09	U	µg/L	0.4	0.09
		SW8260	1,4-DCB	106-46-7	N	0.13	U	µg/L	0.5	0.13
		SW8260	1-Chlorohexane	544-10-5	N	0.06	U	µg/L	1	0.06
		SW8260	2,2-Dichloropropane	594-20-7	N	0.12	U	µg/L	1	0.12
		SW8260	2-Chlorotoluene	95-49-8	N	0.08	U	µg/L	1	0.08
		SW8260	4-Chlorotoluene	106-43-4	N	0.07	U	µg/L	1	0.07
		SW8260	Acetone	67-64-1	N	0.6	U	µg/L	10	0.6
		SW8260	Benzene	71-43-2	N	0.07	U	µg/L	0.4	0.07
		SW8260	Bromobenzene	108-86-1	N	0.11	U	µg/L	1	0.11
		SW8260	Bromochloromethane	74-97-5	N	0.13	U	µg/L	1	0.13
		SW8260	Bromodichloromethane	75-27-4	N	0.12	U	µg/L	0.5	0.12
		SW8260	Bromoform	75-25-2	N	0.08	U	µg/L	1	0.08
		SW8260	Bromomethane	74-83-9	N	0.23	U	µg/L	3	0.23
		SW8260	Carbon Tetrachloride	56-23-5	N	0.08	U	µg/L	1	0.08
		SW8260	Chlorobenzene	108-90-7	N	0.12	U	µg/L	0.5	0.12
		SW8260	Chloroethane	75-00-3	N	0.2	U	µg/L	1	0.2

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Performance Monitoring Well Results										
10C047MW	8/11/2005	SW8260	Chloroform	67-66-3	N	0.31		µg/L	0.3	0.13
		SW8260	Chloromethane	74-87-3	N	0.15	U	µg/L	1	0.15
		SW8260	cis-1,2-DCE	156-59-2	N	77.7		µg/L	1	0.1
		SW8260	cis-1,3-Dichloropropene	10061-01-5	N	0.1	U	µg/L	0.5	0.1
		SW8260	Dibromochloromethane	124-48-1	N	0.09	U	µg/L	0.5	0.09
		SW8260	Dibromomethane	74-95-3	N	0.11	U	µg/L	1	0.11
		SW8260	Dichlorodifluoromethane	75-71-8	N	0.13	U	µg/L	1	0.13
		SW8260	Ethylbenzene	100-41-4	N	0.08	U	µg/L	1	0.08
		SW8260	Hexachlorobutadiene	87-68-3	N	0.09	U	µg/L	0.6	0.09
		SW8260	Isopropylbenzene	98-82-8	N	0.08	U	µg/L	1	0.08
		SW8260	m,p-Xylene	108-38-3/1	N	0.14	U	µg/L	2	0.14
		SW8260	MEK (2-Butanone)	78-93-3	N	0.2	U	µg/L	10	0.2
		SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	0.15	U	µg/L	5	0.15
		SW8260	Methylene Chloride	75-09-2	N	0.2	U	µg/L	1	0.2
		SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	0.1	U	µg/L	10	0.1
		SW8260	Naphthalene	91-20-3	N	0.05	U	µg/L	1	0.05
		SW8260	n-Butylbenzene	104-51-8	N	0.09	U	µg/L	1	0.09
		SW8260	n-Propylbenzene	103-65-1	N	0.08	U	µg/L	1	0.08
		SW8260	o-Xylene	95-47-6	N	0.09	U	µg/L	1	0.09
		SW8260	p-Isopropyltoluene	99-87-6	N	0.09	U	µg/L	1	0.09
		SW8260	sec-Butylbenzene	135-98-8	N	0.07	U	µg/L	1	0.07
		SW8260	Styrene	100-42-5	N	0.08	U	µg/L	1	0.08
		SW8260	Tert-Butylbenzene	98-06-6	N	0.07	U	µg/L	1	0.07
		SW8260	Tetrachloroethylene	127-18-4	N	29.9		µg/L	1	0.07
		SW8260	Toluene	108-88-3	N	0.08	U	µg/L	1	0.08
		SW8260	trans-1,2-DCE	156-60-5	N	0.34	F	µg/L	1	0.09
		SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.07	U	µg/L	1	0.07
		SW8260	Trichloroethene	79-01-6	N	293		µg/L	50	4.93
		SW8260	Trichlorofluoromethane	75-69-4	N	0.17	U	µg/L	1	0.17
		SW8260	Vinyl Chloride	75-01-4	N	0.21	U	µg/L	1	0.21
		SW9056	Chloride	CHLORIDE	N	49.6		mg/L	5	0.06
		SW9056	Nitrate-N	NITRATE	N	1.68		mg/L	1	0.002
		SW9056	Phosphate	PHOSPHATE	N	0.01	U	mg/L	1	0.01
		SW9056	Sulfate	SULFATE	N	6.81		mg/L	1	0.01

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Performance Monitoring Well Results										
10C047MW	8/11/2005	SW9060	Dissolved Organic Carbon	DOC	N	0.98	F	mg/L	1	0.03
		SW9060	Total Organic Carbon	TOC	N	0.58	F	mg/L	1	0.03
10C048MW		E310.1	Alkalinity	ALKALINITY	N	128		mg/L	10	0.95
		E310.1	Alkalinity, Bicarbonate	BICARBONATI	N	128		mg/L	10	0.95
		RSK-175	Ethane	74-84-0	N	0.021	U	µg/L	0.68	0.021
		RSK-175	Ethene	74-85-1	N	0.015	U	µg/L	0.7	0.015
		RSK-175	Methane	74-82-8	N	0.218	F	µg/L	0.51	0.028
		SW6010	Iron, dissolved	7439-89-6_D	N	0.005	U	mg/L	0.2	0.005
		SW6010	Manganese, dissolved	7439-96-5_D	N	0.0003	U	mg/L	0.01	0.0003
		SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	0.2	U	µg/L	1.1	0.2
		SW8260	1,1,1-TCA	71-55-6	N	0.23	U	µg/L	2.2	0.23
		SW8260	1,1,2,2-Tetrachloroethane	79-34-5	N	0.25	U	µg/L	1.1	0.25
		SW8260	1,1,2-Trichloroethane	79-00-5	N	0.3	U	µg/L	2.2	0.3
		SW8260	1,1-DCE	75-35-4	N	0.28	U	µg/L	2.2	0.28
		SW8260	1,1-Dichloroethane	75-34-3	N	0.29	U	µg/L	2.2	0.29
		SW8260	1,1-Dichloropropene	563-58-6	N	0.15	U	µg/L	2.2	0.15
		SW8260	1,2,3-Trichlorobenzene	87-61-6	N	0.16	U	µg/L	2.2	0.16
		SW8260	1,2,3-Trichloropropane	96-18-4	N	0.24	U	µg/L	2.2	0.24
		SW8260	1,2,4-Trichlorobenzene	120-82-1	N	0.17	U	µg/L	2.2	0.17
		SW8260	1,2,4-Trimethylbenzene	95-63-6	N	0.16	U	µg/L	2.2	0.16
		SW8260	1,2-DCA	107-06-2	N	0.22	U	µg/L	1.1	0.22
		SW8260	1,2-DCB	95-50-1	N	0.23	U	µg/L	2.2	0.23
		SW8260	1,2-Dibromo-3-chloropropane	96-12-8	N	0.25	U	µg/L	4.4	0.25
		SW8260	1,2-Dichloropropane	78-87-5	N	0.26	U	µg/L	2.2	0.26
		SW8260	1,2-EDB	106-93-4	N	0.19	U	µg/L	2.2	0.19
		SW8260	1,3,5-Trimethylbenzene	108-67-8	N	0.19	U	µg/L	2.2	0.19
		SW8260	1,3-DCB	541-73-1	N	0.23	U	µg/L	2.2	0.23
		SW8260	1,3-Dichloropropane	142-28-9	N	0.19	U	µg/L	0.9	0.19
		SW8260	1,4-DCB	106-46-7	N	0.29	U	µg/L	1.1	0.29
		SW8260	1-Chlorohexane	544-10-5	N	0.14	U	µg/L	2.2	0.14
		SW8260	2,2-Dichloropropane	594-20-7	N	0.26	U	µg/L	2.2	0.26
		SW8260	2-Chlorotoluene	95-49-8	N	0.18	U	µg/L	2.2	0.18
		SW8260	4-Chlorotoluene	106-43-4	N	0.16	U	µg/L	2.2	0.16
		SW8260	Acetone	67-64-1	N	1.4	U	µg/L	22	1.4

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Performance Monitoring Well Results										
10C048MW	8/11/2005	SW8260	Benzene	71-43-2	N	0.16	U	µg/L	0.9	0.16
		SW8260	Bromobenzene	108-86-1	N	0.24	U	µg/L	2.2	0.24
		SW8260	Bromo(chloromethane)	74-97-5	N	0.29	U	µg/L	2.2	0.29
		SW8260	Bromodichloromethane	75-27-4	N	0.26	U	µg/L	1.1	0.26
		SW8260	Bromoform	75-25-2	N	0.17	U	µg/L	2.2	0.17
		SW8260	Bromomethane	74-83-9	N	0.5	U	µg/L	6.6	0.5
		SW8260	Carbon Tetrachloride	56-23-5	N	0.17	U	µg/L	2.2	0.17
		SW8260	Chlorobenzene	108-90-7	N	0.27	U	µg/L	1.1	0.27
		SW8260	Chloroethane	75-00-3	N	0.44	U	µg/L	2.2	0.44
		SW8260	Chloroform	67-66-3	N	0.57	F	µg/L	0.7	0.28
		SW8260	Chloromethane	74-87-3	N	0.32	U	µg/L	2.2	0.32
		SW8260	cis-1,2-DCE	156-59-2	N	172		µg/L	2.2	0.21
		SW8260	cis-1,3-Dichloropropene	10061-01-5	N	0.23	U	µg/L	1.1	0.23
		SW8260	Dibromochloromethane	124-48-1	N	0.2	U	µg/L	1.1	0.2
		SW8260	Dibromomethane	74-95-3	N	0.25	U	µg/L	2.2	0.25
		SW8260	Dichlorodifluoromethane	75-71-8	N	0.29	U	µg/L	2.2	0.29
		SW8260	Ethylbenzene	100-41-4	N	0.17	U	µg/L	2.2	0.17
		SW8260	Hexachlorobutadiene	87-68-3	N	0.21	U	µg/L	1.3	0.21
		SW8260	Isopropylbenzene	98-82-8	N	0.17	U	µg/L	2.2	0.17
		SW8260	m,p-Xylene	108-38-3/1	N	0.3	U	µg/L	4.4	0.3
		SW8260	MEK (2-Butanone)	78-93-3	N	0.4	U	µg/L	22	0.4
		SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	0.33	U	µg/L	11	0.33
		SW8260	Methylene Chloride	75-09-2	N	0.44	U	µg/L	2.2	0.44
		SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	0.3	U	µg/L	22	0.3
		SW8260	Naphthalene	91-20-3	N	0.12	U	µg/L	2.2	0.12
		SW8260	n-Butylbenzene	104-51-8	N	0.19	U	µg/L	2.2	0.19
		SW8260	n-Propylbenzene	103-65-1	N	0.17	U	µg/L	2.2	0.17
		SW8260	o-Xylene	95-47-6	N	0.2	U	µg/L	2.2	0.2
		SW8260	p-Isopropyltoluene	99-87-6	N	0.2	U	µg/L	2.2	0.2
		SW8260	sec-Butylbenzene	135-98-8	N	0.16	U	µg/L	2.2	0.16
		SW8260	Styrene	100-42-5	N	0.18	U	µg/L	2.2	0.18
		SW8260	Tert-Butylbenzene	98-06-6	N	0.15	U	µg/L	2.2	0.15
		SW8260	Tetrachloroethylene	127-18-4	N	8.34		µg/L	2.2	0.16
		SW8260	Toluene	108-88-3	N	0.17	U	µg/L	2.2	0.17

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Performance Monitoring Well Results										
10C048MW	8/11/2005	SW8260	trans-1,2-DCE	156-60-5	N	0.6	F	µg/L	2.2	0.21
		SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.14	U	µg/L	2.2	0.14
		SW8260	Trichloroethene	79-01-6	N	433		µg/L	100	9.85
		SW8260	Trichlorofluoromethane	75-69-4	N	0.38	U	µg/L	2.2	0.38
		SW8260	Vinyl Chloride	75-01-4	N	0.46	U	µg/L	2.2	0.46
		SW9056	Chloride	CHLORIDE	N	7.83		mg/L	1	0.01
		SW9056	Nitrate-N	NITRATE	N	1.67		mg/L	1	0.002
		SW9056	Phosphate	PHOSPHATE	N	0.01	U	mg/L	1	0.01
		SW9056	Sulfate	SULFATE	N	6.77		mg/L	1	0.01
		SW9060	Dissolved Organic Carbon	DOC	N	1.54		mg/L	1	0.03
		SW9060	Total Organic Carbon	TOC	N	0.96	F	mg/L	1	0.03
10C049MW	E300.0M	Acetic Acid		64-19-7	N	0.008	U	mg/L	0.1	0.008
	E300.0M	Lactic Acid		50-21-5	N	0.011	U	mg/L	0.1	0.011
	E300.0M	Propionic Acid		79-09-4	N	0.009	U	mg/L	0.1	0.009
	E310.1	Alkalinity		ALKALINITY	N	118		mg/L	10	0.95
	E310.1	Alkalinity, Bicarbonate		BICARBONATI	N	118		mg/L	10	0.95
	RSK-175	Ethane		74-84-0	N	0.031	F	µg/L	0.68	0.021
	RSK-175	Ethene		74-85-1	N	0.029	F	µg/L	0.69	0.015
	RSK-175	Methane		74-82-8	N	0.245	F	µg/L	0.51	0.027
	SW6010	Iron, dissolved		7439-89-6_D	N	0.006	F	mg/L	0.2	0.005
	SW6010	Manganese, dissolved		7439-96-5_D	N	0.0003	U	mg/L	0.01	0.0003
	SW8260	1,1,1,2-Tetrachloroethane		630-20-6	N	0.2	U	µg/L	1.1	0.2
	SW8260	1,1,1-TCA		71-55-6	N	0.23	U	µg/L	2.2	0.23
	SW8260	1,1,2,2-Tetrachloroethane		79-34-5	N	0.25	U	µg/L	1.1	0.25
	SW8260	1,1,2-Trichloroethane		79-00-5	N	0.46	F	µg/L	2.2	0.3
	SW8260	1,1-DCE		75-35-4	N	0.28	U	µg/L	2.2	0.28
	SW8260	1,1-Dichloroethane		75-34-3	N	0.29	U	µg/L	2.2	0.29
	SW8260	1,1-Dichloropropene		563-58-6	N	0.15	U	µg/L	2.2	0.15
	SW8260	1,2,3-Trichlorobenzene		87-61-6	N	0.16	U	µg/L	2.2	0.16
	SW8260	1,2,3-Trichloropropane		96-18-4	N	0.24	U	µg/L	2.2	0.24
	SW8260	1,2,4-Trichlorobenzene		120-82-1	N	0.17	U	µg/L	2.2	0.17
	SW8260	1,2,4-Trimethylbenzene		95-63-6	N	0.16	U	µg/L	2.2	0.16
	SW8260	1,2-DCA		107-06-2	N	0.22	U	µg/L	1.1	0.22
	SW8260	1,2-DCB		95-50-1	N	0.23	U	µg/L	2.2	0.23

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Performance Monitoring Well Results										
10C049MW	8/11/2005	SW8260	1,2-Dibromo-3-chloropropane	96-12-8	N	0.25	U	µg/L	4.4	0.25
		SW8260	1,2-Dichloropropane	78-87-5	N	0.26	U	µg/L	2.2	0.26
		SW8260	1,2-EDB	106-93-4	N	0.19	U	µg/L	2.2	0.19
		SW8260	1,3,5-Trimethylbenzene	108-67-8	N	0.19	U	µg/L	2.2	0.19
		SW8260	1,3-DCB	541-73-1	N	0.23	U	µg/L	2.2	0.23
		SW8260	1,3-Dichloropropane	142-28-9	N	0.19	U	µg/L	0.9	0.19
		SW8260	1,4-DCB	106-46-7	N	0.29	U	µg/L	1.1	0.29
		SW8260	1-Chlorohexane	544-10-5	N	0.14	U	µg/L	2.2	0.14
		SW8260	2,2-Dichloropropane	594-20-7	N	0.26	U	µg/L	2.2	0.26
		SW8260	2-Chlorotoluene	95-49-8	N	0.18	U	µg/L	2.2	0.18
		SW8260	4-Chlorotoluene	106-43-4	N	0.16	U	µg/L	2.2	0.16
		SW8260	Acetone	67-64-1	N	1.4	U	µg/L	22	1.4
		SW8260	Benzene	71-43-2	N	0.16	U	µg/L	0.9	0.16
		SW8260	Bromobenzene	108-86-1	N	0.24	U	µg/L	2.2	0.24
		SW8260	Bromochloromethane	74-97-5	N	0.29	U	µg/L	2.2	0.29
		SW8260	Bromodichloromethane	75-27-4	N	0.26	U	µg/L	1.1	0.26
		SW8260	Bromoform	75-25-2	N	0.17	U	µg/L	2.2	0.17
		SW8260	Bromomethane	74-83-9	N	0.5	U	µg/L	6.6	0.5
		SW8260	Carbon Tetrachloride	56-23-5	N	0.17	U	µg/L	2.2	0.17
		SW8260	Chlorobenzene	108-90-7	N	0.27	U	µg/L	1.1	0.27
		SW8260	Chloroethane	75-00-3	N	0.44	U	µg/L	2.2	0.44
		SW8260	Chloroform	67-66-3	N	0.92		µg/L	0.7	0.28
		SW8260	Chloromethane	74-87-3	N	0.32	U	µg/L	2.2	0.32
		SW8260	cis-1,2-DCE	156-59-2	N	183		µg/L	2.2	0.21
		SW8260	cis-1,3-Dichloropropene	10061-01-5	N	0.23	U	µg/L	1.1	0.23
		SW8260	Dibromochloromethane	124-48-1	N	0.2	U	µg/L	1.1	0.2
		SW8260	Dibromomethane	74-95-3	N	0.25	U	µg/L	2.2	0.25
		SW8260	Dichlorodifluoromethane	75-71-8	N	0.29	U	µg/L	2.2	0.29
		SW8260	Ethylbenzene	100-41-4	N	0.17	U	µg/L	2.2	0.17
		SW8260	Hexachlorobutadiene	87-68-3	N	0.21	U	µg/L	1.3	0.21
		SW8260	Isopropylbenzene	98-82-8	N	0.17	U	µg/L	2.2	0.17
		SW8260	m,p-Xylene	108-38-3/1	N	0.3	U	µg/L	4.4	0.3
		SW8260	MEK (2-Butanone)	78-93-3	N	0.4	U	µg/L	22	0.4
		SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	0.33	U	µg/L	11	0.33

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit	
Site 10 EISB Treatment System – Performance Monitoring Well Results											
10C049MW	8/11/2005	SW8260	Methylene Chloride	75-09-2	N	0.44	U	µg/L	2.2	0.44	
		SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	0.3	U	µg/L	22	0.3	
		SW8260	Naphthalene	91-20-3	N	0.12	U	µg/L	2.2	0.12	
		SW8260	n-Butylbenzene	104-51-8	N	0.19	U	µg/L	2.2	0.19	
		SW8260	n-Propylbenzene	103-65-1	N	0.17	U	µg/L	2.2	0.17	
		SW8260	o-Xylene	95-47-6	N	0.2	U	µg/L	2.2	0.2	
		SW8260	p-Isopropyltoluene	99-87-6	N	0.2	U	µg/L	2.2	0.2	
		SW8260	sec-Butylbenzene	135-98-8	N	0.16	U	µg/L	2.2	0.16	
		SW8260	Styrene	100-42-5	N	0.18	U	µg/L	2.2	0.18	
		SW8260	Tert-Butylbenzene	98-06-6	N	0.15	U	µg/L	2.2	0.15	
		SW8260	Tetrachloroethylene	127-18-4	N	17.6		µg/L	2.2	0.16	
		SW8260	Toluene	108-88-3	N	0.17	U	µg/L	2.2	0.17	
		SW8260	trans-1,2-DCE	156-60-5	N	0.57	F	µg/L	2.2	0.21	
		SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.14	U	µg/L	2.2	0.14	
		SW8260	Trichloroethene	79-01-6	N	665		µg/L	50	4.93	
		SW8260	Trichlorofluoromethane	75-69-4	N	0.38	U	µg/L	2.2	0.38	
		SW8260	Vinyl Chloride	75-01-4	N	0.46	U	µg/L	2.2	0.46	
		SW9056	Chloride		CHLORIDE	N	25.7	mg/L	2	0.02	
		SW9056	Nitrate-N		NITRATE	N	1.35	mg/L	1	0.002	
		SW9056	Phosphate		PHOSPHATE	N	0.04	F	mg/L	1	0.01
		SW9056	Sulfate		SULFATE	N	9.09	mg/L	1	0.01	
		SW9060	Dissolved Organic Carbon		DOC	N	1.46	mg/L	1	0.03	
		SW9060	Total Organic Carbon		TOC	N	1.17	mg/L	1	0.03	
10C054RW	E300.0M	Acetic Acid		64-19-7	N	0.008	U	mg/L	0.1	0.008	
	E300.0M	Lactic Acid		50-21-5	N	0.011	U	mg/L	0.1	0.011	
	E300.0M	Propionic Acid		79-09-4	N	0.009	U	mg/L	0.1	0.009	
	E310.1	Alkalinity			ALKALINITY	N	88	mg/L	10	0.95	
	E310.1	Alkalinity, Bicarbonate			BICARBONATE	N	88	mg/L	10	0.95	
	RSK-175	Ethane		74-84-0	N	0.022	U	µg/L	0.69	0.022	
	RSK-175	Ethene		74-85-1	N	0.015	U	µg/L	0.7	0.015	
	RSK-175	Methane		74-82-8	N	0.161	F	µg/L	0.51	0.028	
	SW6010	Iron, dissolved		7439-89-6_D	N	0.005	U	mg/L	0.2	0.005	
	SW6010	Manganese, dissolved		7439-96-5_D	N	0.0006	F	mg/L	0.01	0.0003	
	SW8260	1,1,1,2-Tetrachloroethane		630-20-6	N	0.2	U	µg/L	1.1	0.2	

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Performance Monitoring Well Results										
10C054RW	8/11/2005	SW8260	1,1,1-TCA	71-55-6	N	0.23	U	µg/L	2.2	0.23
		SW8260	1,1,2,2-Tetrachloroethane	79-34-5	N	0.25	U	µg/L	1.1	0.25
		SW8260	1,1,2-Trichloroethane	79-00-5	N	0.3	U	µg/L	2.2	0.3
		SW8260	1,1-DCE	75-35-4	N	0.28	U	µg/L	2.2	0.28
		SW8260	1,1-Dichloroethane	75-34-3	N	0.29	U	µg/L	2.2	0.29
		SW8260	1,1-Dichloropropene	563-58-6	N	0.15	U	µg/L	2.2	0.15
		SW8260	1,2,3-Trichlorobenzene	87-61-6	N	0.16	U	µg/L	2.2	0.16
		SW8260	1,2,3-Trichloropropane	96-18-4	N	0.24	U	µg/L	2.2	0.24
		SW8260	1,2,4-Trichlorobenzene	120-82-1	N	0.17	U	µg/L	2.2	0.17
		SW8260	1,2,4-Trimethylbenzene	95-63-6	N	0.16	U	µg/L	2.2	0.16
		SW8260	1,2-DCA	107-06-2	N	0.22	U	µg/L	1.1	0.22
		SW8260	1,2-DCB	95-50-1	N	0.23	U	µg/L	2.2	0.23
		SW8260	1,2-Dibromo-3-chloropropane	96-12-8	N	0.25	U	µg/L	4.4	0.25
		SW8260	1,2-Dichloropropene	78-87-5	N	0.26	U	µg/L	2.2	0.26
		SW8260	1,2-EDB	106-93-4	N	0.19	U	µg/L	2.2	0.19
		SW8260	1,3,5-Trimethylbenzene	108-67-8	N	0.19	U	µg/L	2.2	0.19
		SW8260	1,3-DCB	541-73-1	N	0.23	U	µg/L	2.2	0.23
		SW8260	1,3-Dichloropropane	142-28-9	N	0.19	U	µg/L	0.9	0.19
		SW8260	1,4-DCB	106-46-7	N	0.29	U	µg/L	1.1	0.29
		SW8260	1-Chlorohexane	544-10-5	N	0.14	U	µg/L	2.2	0.14
		SW8260	2,2-Dichloropropane	594-20-7	N	0.26	U	µg/L	2.2	0.26
		SW8260	2-Chlorotoluene	95-49-8	N	0.18	U	µg/L	2.2	0.18
		SW8260	4-Chlorotoluene	106-43-4	N	0.16	U	µg/L	2.2	0.16
		SW8260	Acetone	67-64-1	N	1.4	U	µg/L	22	1.4
		SW8260	Benzene	71-43-2	N	0.16	U	µg/L	0.9	0.16
		SW8260	Bromobenzene	108-86-1	N	0.24	U	µg/L	2.2	0.24
		SW8260	Bromochloromethane	74-97-5	N	0.29	U	µg/L	2.2	0.29
		SW8260	Bromodichloromethane	75-27-4	N	0.26	U	µg/L	1.1	0.26
		SW8260	Bromoform	75-25-2	N	0.17	U	µg/L	2.2	0.17
		SW8260	Bromomethane	74-83-9	N	0.5	U	µg/L	6.6	0.5
		SW8260	Carbon Tetrachloride	56-23-5	N	0.17	U	µg/L	2.2	0.17
		SW8260	Chlorobenzene	108-90-7	N	0.27	U	µg/L	1.1	0.27
		SW8260	Chloroethane	75-00-3	N	0.44	U	µg/L	2.2	0.44
		SW8260	Chloroform	67-66-3	N	0.54	F	µg/L	0.7	0.28

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Performance Monitoring Well Results										
10C054RW	8/11/2005	SW8260	Chloromethane	74-87-3	N	0.32	U	µg/L	2.2	0.32
		SW8260	cis-1,2-DCE	156-59-2	N	4.51		µg/L	2.2	0.21
		SW8260	cis-1,3-Dichloropropene	10061-01-5	N	0.23	U	µg/L	1.1	0.23
		SW8260	Dibromochloromethane	124-48-1	N	0.2	U	µg/L	1.1	0.2
		SW8260	Dibromomethane	74-95-3	N	0.25	U	µg/L	2.2	0.25
		SW8260	Dichlorodifluoromethane	75-71-8	N	0.29	U	µg/L	2.2	0.29
		SW8260	Ethylbenzene	100-41-4	N	0.17	U	µg/L	2.2	0.17
		SW8260	Hexachlorobutadiene	87-68-3	N	0.21	U	µg/L	1.3	0.21
		SW8260	Isopropylbenzene	98-82-8	N	0.17	U	µg/L	2.2	0.17
		SW8260	m,p-Xylene	108-38-3/1	N	0.3	U	µg/L	4.4	0.3
		SW8260	MEK (2-Butanone)	78-93-3	N	0.4	U	µg/L	22	0.4
		SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	0.33	U	µg/L	11	0.33
		SW8260	Methylene Chloride	75-09-2	N	0.44	U	µg/L	2.2	0.44
		SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	0.3	U	µg/L	22	0.3
		SW8260	Naphthalene	91-20-3	N	0.12	U	µg/L	2.2	0.12
		SW8260	n-Butylbenzene	104-51-8	N	0.19	U	µg/L	2.2	0.19
		SW8260	n-Propylbenzene	103-65-1	N	0.17	U	µg/L	2.2	0.17
		SW8260	o-Xylene	95-47-6	N	0.2	U	µg/L	2.2	0.2
		SW8260	p-Isopropyltoluene	99-87-6	N	0.2	U	µg/L	2.2	0.2
		SW8260	sec-Butylbenzene	135-98-8	N	0.16	U	µg/L	2.2	0.16
		SW8260	Styrene	100-42-5	N	0.18	U	µg/L	2.2	0.18
		SW8260	Tert-Butylbenzene	98-06-6	N	0.15	U	µg/L	2.2	0.15
		SW8260	Tetrachloroethylene	127-18-4	N	70.3		µg/L	2.2	0.16
		SW8260	Toluene	108-88-3	N	0.17	U	µg/L	2.2	0.17
		SW8260	trans-1,2-DCE	156-60-5	N	0.21	U	µg/L	2.2	0.21
		SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.14	U	µg/L	2.2	0.14
		SW8260	Trichloroethene	79-01-6	N	512		µg/L	50	4.93
		SW8260	Trichlorofluoromethane	75-69-4	N	0.38	U	µg/L	2.2	0.38
		SW8260	Vinyl Chloride	75-01-4	N	0.46	U	µg/L	2.2	0.46
		SW9056	Chloride	CHLORIDE	N	5.76		mg/L	1	0.01
		SW9056	Nitrate-N	NITRATE	N	1.83		mg/L	1	0.002
		SW9056	Phosphate	PHOSPHATE	N	0.3	F	mg/L	1	0.01
		SW9056	Sulfate	SULFATE	N	2.79		mg/L	1	0.01
		SW9060	Dissolved Organic Carbon	DOC	N	0.94	F	mg/L	1	0.03

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Performance Monitoring Well Results										
10C054RW	8/11/2005	SW9060	Total Organic Carbon	TOC	N	0.36	F	mg/L	1	0.03
10C055RW		E300.0M	Acetic Acid	64-19-7	N	0.008	U	mg/L	0.1	0.008
		E300.0M	Acetic Acid	64-19-7	FD	0.008	U	mg/L	0.1	0.008
		E300.0M	Lactic Acid	50-21-5	FD	0.011	U	mg/L	0.1	0.011
		E300.0M	Lactic Acid	50-21-5	N	0.011	U	mg/L	0.1	0.011
		E300.0M	Propionic Acid	79-09-4	FD	0.009	U	mg/L	0.1	0.009
		E300.0M	Propionic Acid	79-09-4	N	0.009	U	mg/L	0.1	0.009
		E310.1	Alkalinity	ALKALINITY	FD	125		mg/L	10	0.95
		E310.1	Alkalinity	ALKALINITY	N	146		mg/L	10	0.95
		E310.1	Alkalinity, Bicarbonate	BICARBONATI	N	146		mg/L	10	0.95
		E310.1	Alkalinity, Bicarbonate	BICARBONATI	FD	125		mg/L	10	0.95
		RSK-175	Ethane	74-84-0	N	0.11	F	µg/L	0.67	0.021
		RSK-175	Ethane	74-84-0	FD	0.118	F	µg/L	0.66	0.021
		RSK-175	Ethene	74-85-1	N	0.015	U	µg/L	0.69	0.015
		RSK-175	Ethene	74-85-1	FD	0.015	U	µg/L	0.68	0.015
		RSK-175	Methane	74-82-8	N	0.244	F	µg/L	0.51	0.027
		RSK-175	Methane	74-82-8	FD	0.276	F	µg/L	0.49	0.027
		SW6010	Iron, dissolved	7439-89-6_D	N	0.005	U	mg/L	0.2	0.005
		SW6010	Iron, dissolved	7439-89-6_D	FD	0.005	U	mg/L	0.2	0.005
		SW6010	Manganese, dissolved	7439-96-5_D	N	0.0105		mg/L	0.01	0.0003
		SW6010	Manganese, dissolved	7439-96-5_D	FD	0.0102		mg/L	0.01	0.0003
		SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	0.92	U	µg/L	5	0.92
		SW8260	1,1,1,2-Tetrachloroethane	630-20-6	FD	0.92	U	µg/L	5	0.92
		SW8260	1,1,1-TCA	71-55-6	N	1.06	U	µg/L	10	1.06
		SW8260	1,1,1-TCA	71-55-6	FD	1.06	U	µg/L	10	1.06
		SW8260	1,1,2,2-Tetrachloroethane	79-34-5	N	1.14	U	µg/L	5	1.14
		SW8260	1,1,2,2-Tetrachloroethane	79-34-5	FD	1.14	U	µg/L	5	1.14
		SW8260	1,1,2-Trichloroethane	79-00-5	N	1.37	U	µg/L	10	1.37
		SW8260	1,1,2-Trichloroethane	79-00-5	FD	1.37	U	µg/L	10	1.37
		SW8260	1,1-DCE	75-35-4	N	1.25	U	µg/L	10	1.25
		SW8260	1,1-DCE	75-35-4	FD	1.25	U	µg/L	10	1.25
		SW8260	1,1-Dichloroethane	75-34-3	N	1.32	U	µg/L	10	1.32
		SW8260	1,1-Dichloroethane	75-34-3	FD	1.32	U	µg/L	10	1.32
		SW8260	1,1-Dichloropropene	563-58-6	N	0.7	U	µg/L	10	0.7

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Performance Monitoring Well Results										
10C055RW	8/11/2005	SW8260	1,1-Dichloropropene	563-58-6	FD	0.7	U	µg/L	10	0.7
		SW8260	1,2,3-Trichlorobenzene	87-61-6	N	0.75	U	µg/L	10	0.75
		SW8260	1,2,3-Trichlorobenzene	87-61-6	FD	0.75	U	µg/L	10	0.75
		SW8260	1,2,3-Trichloropropane	96-18-4	N	1.09	U	µg/L	10	1.09
		SW8260	1,2,3-Trichloropropane	96-18-4	FD	1.09	U	µg/L	10	1.09
		SW8260	1,2,4-Trichlorobenzene	120-82-1	N	0.78	U	µg/L	10	0.78
		SW8260	1,2,4-Trichlorobenzene	120-82-1	FD	0.78	U	µg/L	10	0.78
		SW8260	1,2,4-Trimethylbenzene	95-63-6	N	0.73	U	µg/L	10	0.73
		SW8260	1,2,4-Trimethylbenzene	95-63-6	FD	0.73	U	µg/L	10	0.73
		SW8260	1,2-DCA	107-06-2	N	1.01	U	µg/L	5	1.01
		SW8260	1,2-DCA	107-06-2	FD	1.01	U	µg/L	5	1.01
		SW8260	1,2-DCB	95-50-1	N	1.07	U	µg/L	10	1.07
		SW8260	1,2-DCB	95-50-1	FD	1.07	U	µg/L	10	1.07
		SW8260	1,2-Dibromo-3-chloropropane	96-12-8	N	1.16	U	µg/L	20	1.16
		SW8260	1,2-Dibromo-3-chloropropane	96-12-8	FD	1.16	U	µg/L	20	1.16
		SW8260	1,2-Dichloropropane	78-87-5	N	1.19	U	µg/L	10	1.19
		SW8260	1,2-Dichloropropane	78-87-5	FD	1.19	U	µg/L	10	1.19
		SW8260	1,2-EDB	106-93-4	N	0.86	U	µg/L	10	0.86
		SW8260	1,2-EDB	106-93-4	FD	0.86	U	µg/L	10	0.86
		SW8260	1,3,5-Trimethylbenzene	108-67-8	N	0.85	U	µg/L	10	0.85
		SW8260	1,3,5-Trimethylbenzene	108-67-8	FD	0.85	U	µg/L	10	0.85
		SW8260	1,3-DCB	541-73-1	N	1.03	U	µg/L	10	1.03
		SW8260	1,3-DCB	541-73-1	FD	1.03	U	µg/L	10	1.03
		SW8260	1,3-Dichloropropane	142-28-9	N	0.87	U	µg/L	4	0.87
		SW8260	1,3-Dichloropropane	142-28-9	FD	0.87	U	µg/L	4	0.87
		SW8260	1,4-DCB	106-46-7	FD	1.33	U	µg/L	5	1.33
		SW8260	1,4-DCB	106-46-7	N	1.33	U	µg/L	5	1.33
		SW8260	1-Chlorohexane	544-10-5	N	0.63	U	µg/L	10	0.63
		SW8260	1-Chlorohexane	544-10-5	FD	0.63	U	µg/L	10	0.63
		SW8260	2,2-Dichloropropane	594-20-7	N	1.16	U	µg/L	10	1.16
		SW8260	2,2-Dichloropropane	594-20-7	FD	1.16	U	µg/L	10	1.16
		SW8260	2-Chlorotoluene	95-49-8	FD	0.83	U	µg/L	10	0.83
		SW8260	2-Chlorotoluene	95-49-8	N	0.83	U	µg/L	10	0.83
		SW8260	4-Chlorotoluene	106-43-4	FD	0.74	U	µg/L	10	0.74

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Performance Monitoring Well Results										
10C055RW	8/11/2005	SW8260	4-Chlorotoluene	106-43-4	N	0.74	U	µg/L	10	0.74
		SW8260	Acetone	67-64-1	FD	6.4	U	µg/L	100	6.4
		SW8260	Acetone	67-64-1	N	6.4	U	µg/L	100	6.4
		SW8260	Benzene	71-43-2	FD	0.72	U	µg/L	4	0.72
		SW8260	Benzene	71-43-2	N	0.72	U	µg/L	4	0.72
		SW8260	Bromobenzene	108-86-1	FD	1.1	U	µg/L	10	1.1
		SW8260	Bromobenzene	108-86-1	N	1.1	U	µg/L	10	1.1
		SW8260	Bromoform	74-97-5	N	1.32	U	µg/L	10	1.32
		SW8260	Bromoform	74-97-5	FD	1.32	U	µg/L	10	1.32
		SW8260	Bromochloromethane	75-27-4	FD	1.19	U	µg/L	5	1.19
		SW8260	Bromodichloromethane	75-27-4	N	1.19	U	µg/L	5	1.19
		SW8260	Bromoform	75-25-2	FD	0.76	U	µg/L	10	0.76
		SW8260	Bromoform	75-25-2	N	0.76	U	µg/L	10	0.76
		SW8260	Bromomethane	74-83-9	FD	2.28	U	µg/L	30	2.28
		SW8260	Bromomethane	74-83-9	N	2.28	U	µg/L	30	2.28
		SW8260	Carbon Tetrachloride	56-23-5	FD	0.79	U	µg/L	10	0.79
		SW8260	Carbon Tetrachloride	56-23-5	N	0.79	U	µg/L	10	0.79
		SW8260	Chlorobenzene	108-90-7	FD	1.24	U	µg/L	5	1.24
		SW8260	Chlorobenzene	108-90-7	N	1.24	U	µg/L	5	1.24
		SW8260	Chloroethane	75-00-3	N	2.02	U	µg/L	10	2.02
		SW8260	Chloroethane	75-00-3	FD	2.02	U	µg/L	10	2.02
		SW8260	Chloroform	67-66-3	N	1.35	F	µg/L	3	1.26
		SW8260	Chloroform	67-66-3	FD	1.54	F	µg/L	3	1.26
		SW8260	Chloromethane	74-87-3	N	1.45	U	µg/L	10	1.45
		SW8260	Chloromethane	74-87-3	FD	1.45	U	µg/L	10	1.45
		SW8260	cis-1,2-DCE	156-59-2	FD	141		µg/L	10	0.95
		SW8260	cis-1,2-DCE	156-59-2	N	139		µg/L	10	0.95
		SW8260	cis-1,3-Dichloropropene	10061-01-5	N	1.03	U	µg/L	5	1.03
		SW8260	cis-1,3-Dichloropropene	10061-01-5	FD	1.03	U	µg/L	5	1.03
		SW8260	Dibromochloromethane	124-48-1	FD	0.9	U	µg/L	5	0.9
		SW8260	Dibromochloromethane	124-48-1	N	0.9	U	µg/L	5	0.9
		SW8260	Dibromomethane	74-95-3	FD	1.15	U	µg/L	10	1.15
		SW8260	Dibromomethane	74-95-3	N	1.15	U	µg/L	10	1.15
		SW8260	Dichlorodifluoromethane	75-71-8	N	1.32	U	µg/L	10	1.32

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Performance Monitoring Well Results										
10C055RW	8/11/2005	SW8260	Dichlorodifluoromethane	75-71-8	FD	1.32	U	µg/L	10	1.32
		SW8260	Ethylbenzene	100-41-4	N	0.79	U	µg/L	10	0.79
		SW8260	Ethylbenzene	100-41-4	FD	0.79	U	µg/L	10	0.79
		SW8260	Hexachlorobutadiene	87-68-3	N	0.94	U	µg/L	6	0.94
		SW8260	Hexachlorobutadiene	87-68-3	FD	0.94	U	µg/L	6	0.94
		SW8260	Isopropylbenzene	98-82-8	FD	0.78	U	µg/L	10	0.78
		SW8260	Isopropylbenzene	98-82-8	N	0.78	U	µg/L	10	0.78
		SW8260	m,p-Xylene	108-38-3/1	N	1.37	U	µg/L	20	1.37
		SW8260	m,p-Xylene	108-38-3/1	FD	1.37	U	µg/L	20	1.37
		SW8260	MEK (2-Butanone)	78-93-3	N	1.9	U	µg/L	100	1.9
		SW8260	MEK (2-Butanone)	78-93-3	FD	1.9	U	µg/L	100	1.9
		SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	FD	1.5	U	µg/L	50	1.5
		SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	1.5	U	µg/L	50	1.5
		SW8260	Methylene Chloride	75-09-2	FD	1.98	U	µg/L	10	1.98
		SW8260	Methylene Chloride	75-09-2	N	1.98	U	µg/L	10	1.98
		SW8260	MIBK (methyl isobutyl ketone)	108-10-1	FD	1.5	U	µg/L	100	1.5
		SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	1.5	U	µg/L	100	1.5
		SW8260	Naphthalene	91-20-3	FD	0.53	U	µg/L	10	0.53
		SW8260	Naphthalene	91-20-3	N	0.53	U	µg/L	10	0.53
		SW8260	n-Butylbenzene	104-51-8	FD	0.88	U	µg/L	10	0.88
		SW8260	n-Butylbenzene	104-51-8	N	0.88	U	µg/L	10	0.88
		SW8260	n-Propylbenzene	103-65-1	N	0.76	U	µg/L	10	0.76
		SW8260	n-Propylbenzene	103-65-1	FD	0.76	U	µg/L	10	0.76
		SW8260	o-Xylene	95-47-6	N	0.89	U	µg/L	10	0.89
		SW8260	o-Xylene	95-47-6	FD	0.89	U	µg/L	10	0.89
		SW8260	p-Isopropyltoluene	99-87-6	FD	0.9	U	µg/L	10	0.9
		SW8260	p-Isopropyltoluene	99-87-6	N	0.9	U	µg/L	10	0.9
		SW8260	sec-Butylbenzene	135-98-8	FD	0.75	U	µg/L	10	0.75
		SW8260	sec-Butylbenzene	135-98-8	N	0.75	U	µg/L	10	0.75
		SW8260	Styrene	100-42-5	N	0.82	U	µg/L	10	0.82
		SW8260	Styrene	100-42-5	FD	0.82	U	µg/L	10	0.82
		SW8260	Tert-Butylbenzene	98-06-6	FD	0.7	U	µg/L	10	0.7
		SW8260	Tert-Butylbenzene	98-06-6	N	0.7	U	µg/L	10	0.7
		SW8260	Tetrachloroethylene	127-18-4	FD	213		µg/L	10	0.72

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Performance Monitoring Well Results										
10C055RW	8/11/2005	SW8260	Tetrachloroethylene	127-18-4	N	203		µg/L	10	0.72
		SW8260	Toluene	108-88-3	FD	0.79	U	µg/L	10	0.79
		SW8260	Toluene	108-88-3	N	0.79	U	µg/L	10	0.79
		SW8260	trans-1,2-DCE	156-60-5	N	0.94	U	µg/L	10	0.94
		SW8260	trans-1,2-DCE	156-60-5	FD	0.94	U	µg/L	10	0.94
		SW8260	trans-1,3-Dichloropropene	10061-02-6	FD	0.66	U	µg/L	10	0.66
		SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.66	U	µg/L	10	0.66
		SW8260	Trichloroethene	79-01-6	N	1760		µg/L	100	9.85
		SW8260	Trichloroethene	79-01-6	FD	1790		µg/L	100	9.85
		SW8260	Trichlorofluoromethane	75-69-4	FD	1.74	U	µg/L	10	1.74
		SW8260	Trichlorofluoromethane	75-69-4	N	1.74	U	µg/L	10	1.74
		SW8260	Vinyl Chloride	75-01-4	N	2.09	U	µg/L	10	2.09
		SW8260	Vinyl Chloride	75-01-4	FD	2.09	U	µg/L	10	2.09
		SW9056	Chloride	CHLORIDE	FD	24.2		mg/L	2	0.02
		SW9056	Chloride	CHLORIDE	N	24.5		mg/L	2	0.02
		SW9056	Nitrate-N	NITRATE	N	1.6		mg/L	1	0.002
		SW9056	Nitrate-N	NITRATE	FD	1.62		mg/L	1	0.002
		SW9056	Phosphate	PHOSPHATE	N	0.01	U	mg/L	1	0.01
		SW9056	Phosphate	PHOSPHATE	FD	0.07	F	mg/L	1	0.01
		SW9056	Sulfate	SULFATE	N	6.86		mg/L	1	0.01
		SW9056	Sulfate	SULFATE	FD	6.84		mg/L	1	0.01
		SW9060	Dissolved Organic Carbon	DOC	FD	0.48	F	mg/L	1	0.03
		SW9060	Dissolved Organic Carbon	DOC	N	0.89	F	mg/L	1	0.03
		SW9060	Total Organic Carbon	TOC	N	0.52	F	mg/L	1	0.03
		SW9060	Total Organic Carbon	TOC	FD	0.5	F	mg/L	1	0.03
10M004MW	8/15/2005	E300.0M	Acetic Acid	64-19-7	N	0.332		mg/L	0.1	0.008
		E300.0M	Lactic Acid	50-21-5	N	0.011	U	mg/L	0.1	0.011
		E300.0M	Propionic Acid	79-09-4	N	0.009	U	mg/L	0.1	0.009
		E310.1	Alkalinity	ALKALINITY	N	429		mg/L	10	0.95
		E310.1	Alkalinity, Bicarbonate	BICARBONATI	N	429		mg/L	10	0.95
		RSK-175	Ethane	74-84-0	N	82.5		µg/L	0.69	0.022
		RSK-175	Ethene	74-85-1	N	72.2		µg/L	0.71	0.015
		RSK-175	Methane	74-82-8	N	11900		µg/L	3.14	0.169
		SW6010	Iron, dissolved	7439-89-6_D	N	1.45		mg/L	0.2	0.005

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Performance Monitoring Well Results										
10M004MW	8/15/2005	SW6010	Manganese, dissolved	7439-96-5_D	N	4.23		mg/L	0.01	0.0003
		SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	0.09	U	µg/L	0.5	0.09
		SW8260	1,1,1-TCA	71-55-6	N	0.11	U	µg/L	1	0.11
		SW8260	1,1,2,2-Tetrachloroethane	79-34-5	N	0.11	U	µg/L	0.5	0.11
		SW8260	1,1,2-Trichloroethane	79-00-5	N	0.14	U	µg/L	1	0.14
		SW8260	1,1-DCE	75-35-4	N	0.13	U	µg/L	1	0.13
		SW8260	1,1-Dichloroethane	75-34-3	N	0.13	U	µg/L	1	0.13
		SW8260	1,1-Dichloropropene	563-58-6	N	0.07	U	µg/L	1	0.07
		SW8260	1,2,3-Trichlorobenzene	87-61-6	N	0.07	U	µg/L	1	0.07
		SW8260	1,2,3-Trichloropropane	96-18-4	N	0.11	U	µg/L	1	0.11
		SW8260	1,2,4-Trichlorobenzene	120-82-1	N	0.08	U	µg/L	1	0.08
		SW8260	1,2,4-Trimethylbenzene	95-63-6	N	0.07	U	µg/L	1	0.07
		SW8260	1,2-DCA	107-06-2	N	0.12	F	µg/L	0.5	0.1
		SW8260	1,2-DCB	95-50-1	N	0.11	U	µg/L	1	0.11
		SW8260	1,2-Dibromo-3-chloropropane	96-12-8	N	0.12	U	µg/L	2	0.12
		SW8260	1,2-Dichloropropane	78-87-5	N	0.12	U	µg/L	1	0.12
		SW8260	1,2-EDB	106-93-4	N	0.09	U	µg/L	1	0.09
		SW8260	1,3,5-Trimethylbenzene	108-67-8	N	0.08	U	µg/L	1	0.08
		SW8260	1,3-DCB	541-73-1	N	0.1	U	µg/L	1	0.1
		SW8260	1,3-Dichloropropane	142-28-9	N	0.09	U	µg/L	0.4	0.09
		SW8260	1,4-DCB	106-46-7	N	0.13	U	µg/L	0.5	0.13
		SW8260	1-Chlorohexane	544-10-5	N	0.06	U	µg/L	1	0.06
		SW8260	2,2-Dichloropropane	594-20-7	N	0.12	U	µg/L	1	0.12
		SW8260	2-Chlorotoluene	95-49-8	N	0.08	U	µg/L	1	0.08
		SW8260	4-Chlorotoluene	106-43-4	N	0.07	U	µg/L	1	0.07
		SW8260	Acetone	67-64-1	N	0.6	U	µg/L	10	0.6
		SW8260	Benzene	71-43-2	N	0.09	F	µg/L	0.4	0.07
		SW8260	Bromobenzene	108-86-1	N	0.11	U	µg/L	1	0.11
		SW8260	Bromochloromethane	74-97-5	N	0.13	U	µg/L	1	0.13
		SW8260	Bromodichloromethane	75-27-4	N	0.12	U	µg/L	0.5	0.12
		SW8260	Bromoform	75-25-2	N	0.08	U	µg/L	1	0.08
		SW8260	Bromomethane	74-83-9	N	0.23	U	µg/L	3	0.23
		SW8260	Carbon Tetrachloride	56-23-5	N	0.08	U	µg/L	1	0.08
		SW8260	Chlorobenzene	108-90-7	N	0.12	U	µg/L	0.5	0.12

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Performance Monitoring Well Results										
10M004MW	8/15/2005	SW8260	Chloroethane	75-00-3	N	0.2	U	µg/L	1	0.2
		SW8260	Chloroform	67-66-3	N	0.13	U	µg/L	0.3	0.13
		SW8260	Chloromethane	74-87-3	N	0.15	U	µg/L	1	0.15
		SW8260	cis-1,2-DCE	156-59-2	N	17.6		µg/L	1	0.1
		SW8260	cis-1,3-Dichloropropene	10061-01-5	N	0.1	U	µg/L	0.5	0.1
		SW8260	Dibromochloromethane	124-48-1	N	0.09	U	µg/L	0.5	0.09
		SW8260	Dibromomethane	74-95-3	N	0.11	U	µg/L	1	0.11
		SW8260	Dichlorodifluoromethane	75-71-8	N	0.13	U	µg/L	1	0.13
		SW8260	Ethylbenzene	100-41-4	N	0.08	U	µg/L	1	0.08
		SW8260	Hexachlorobutadiene	87-68-3	N	0.09	U	µg/L	0.6	0.09
		SW8260	Isopropylbenzene	98-82-8	N	0.08	U	µg/L	1	0.08
		SW8260	m,p-Xylene	108-38-3/1	N	0.14	U	µg/L	2	0.14
		SW8260	MEK (2-Butanone)	78-93-3	N	0.2	U	µg/L	10	0.2
		SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	0.15	U	µg/L	5	0.15
		SW8260	Methylene Chloride	75-09-2	N	0.2	U	µg/L	1	0.2
		SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	0.1	U	µg/L	10	0.1
		SW8260	Naphthalene	91-20-3	N	0.05	U	µg/L	1	0.05
		SW8260	n-Butylbenzene	104-51-8	N	0.09	U	µg/L	1	0.09
		SW8260	n-Propylbenzene	103-65-1	N	0.08	U	µg/L	1	0.08
		SW8260	o-Xylene	95-47-6	N	0.09	U	µg/L	1	0.09
		SW8260	p-Isopropyltoluene	99-87-6	N	0.09	U	µg/L	1	0.09
		SW8260	sec-Butylbenzene	135-98-8	N	0.07	U	µg/L	1	0.07
		SW8260	Styrene	100-42-5	N	0.08	U	µg/L	1	0.08
		SW8260	Tert-Butylbenzene	98-06-6	N	0.07	U	µg/L	1	0.07
		SW8260	Tetrachloroethylene	127-18-4	N	0.07	U	µg/L	1	0.07
		SW8260	Toluene	108-88-3	N	0.11	F	µg/L	1	0.08
		SW8260	trans-1,2-DCE	156-60-5	N	0.34	F	µg/L	1	0.09
		SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.07	U	µg/L	1	0.07
		SW8260	Trichloroethene	79-01-6	N	0.26	F	µg/L	1	0.1
		SW8260	Trichlorofluoromethane	75-69-4	N	0.17	U	µg/L	1	0.17
		SW8260	Vinyl Chloride	75-01-4	N	12		µg/L	1	0.21
		SW9056	Chloride	CHLORIDE	N	17.2		mg/L	1	0.01
		SW9056	Nitrate-N	NITRATE	N	0.002	U	mg/L	1	0.002
		SW9056	Phosphate	PHOSPHATE	N	0.01	U	mg/L	1	0.01

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Performance Monitoring Well Results										
10M004MW	8/15/2005	SW9056	Sulfate	SULFATE	N	0.58	F	mg/L	1	0.01
		SW9060	Dissolved Organic Carbon	DOC	N	38.9		mg/L	1	0.03
		SW9060	Total Organic Carbon	TOC	N	2.94		mg/L	2	0.06
10M006MW		E300.0M	Acetic Acid	64-19-7	N	0.008	U	mg/L	0.1	0.008
		E300.0M	Lactic Acid	50-21-5	N	0.011	U	mg/L	0.1	0.011
		E300.0M	Propionic Acid	79-09-4	N	0.009	U	mg/L	0.1	0.009
		E310.1	Alkalinity	ALKALINITY	N	93		mg/L	10	0.95
		E310.1	Alkalinity, Bicarbonate	BICARBONATI	N	93		mg/L	10	0.95
		RSK-175	Ethane	74-84-0	N	0.021	U	µg/L	0.67	0.021
		RSK-175	Ethene	74-85-1	N	0.015	U	µg/L	0.69	0.015
		RSK-175	Methane	74-82-8	N	0.126	F	µg/L	0.5	0.027
		SW6010	Iron, dissolved	7439-89-6_D	N	0.005	U	mg/L	0.2	0.005
		SW6010	Manganese, dissolved	7439-96-5_D	N	0.0003	U	mg/L	0.01	0.0003
		SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	0.09	U	µg/L	0.5	0.09
		SW8260	1,1,1-TCA	71-55-6	N	0.11	U	µg/L	1	0.11
		SW8260	1,1,2,2-Tetrachloroethane	79-34-5	N	0.11	U	µg/L	0.5	0.11
		SW8260	1,1,2-Trichloroethane	79-00-5	N	0.14	U	µg/L	1	0.14
		SW8260	1,1-DCE	75-35-4	N	0.13	U	µg/L	1	0.13
		SW8260	1,1-Dichloroethane	75-34-3	N	0.13	U	µg/L	1	0.13
		SW8260	1,1-Dichloropropene	563-58-6	N	0.07	U	µg/L	1	0.07
		SW8260	1,2,3-Trichlorobenzene	87-61-6	N	0.07	U	µg/L	1	0.07
		SW8260	1,2,3-Trichloropropane	96-18-4	N	0.11	U	µg/L	1	0.11
		SW8260	1,2,4-Trichlorobenzene	120-82-1	N	0.08	U	µg/L	1	0.08
		SW8260	1,2,4-Trimethylbenzene	95-63-6	N	0.07	U	µg/L	1	0.07
		SW8260	1,2-DCA	107-06-2	N	0.1	U	µg/L	0.5	0.1
		SW8260	1,2-DCB	95-50-1	N	0.11	U	µg/L	1	0.11
		SW8260	1,2-Dibromo-3-chloropropane	96-12-8	N	0.12	U	µg/L	2	0.12
		SW8260	1,2-Dichloropropene	78-87-5	N	0.12	U	µg/L	1	0.12
		SW8260	1,2-EDB	106-93-4	N	0.09	U	µg/L	1	0.09
		SW8260	1,3,5-Trimethylbenzene	108-67-8	N	0.08	U	µg/L	1	0.08
		SW8260	1,3-DCB	541-73-1	N	0.1	U	µg/L	1	0.1
		SW8260	1,3-Dichloropropene	142-28-9	N	0.09	U	µg/L	0.4	0.09
		SW8260	1,4-DCB	106-46-7	N	0.13	U	µg/L	0.5	0.13
		SW8260	1-Chlorohexane	544-10-5	N	0.06	U	µg/L	1	0.06

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Performance Monitoring Well Results										
10M006MW	8/15/2005	SW8260	2,2-Dichloropropane	594-20-7	N	0.12	U	µg/L	1	0.12
		SW8260	2-Chlorotoluene	95-49-8	N	0.08	U	µg/L	1	0.08
		SW8260	4-Chlorotoluene	106-43-4	N	0.07	U	µg/L	1	0.07
		SW8260	Acetone	67-64-1	N	0.6	U	µg/L	10	0.6
		SW8260	Benzene	71-43-2	N	0.07	U	µg/L	0.4	0.07
		SW8260	Bromobenzene	108-86-1	N	0.11	U	µg/L	1	0.11
		SW8260	Bromochloromethane	74-97-5	N	0.13	U	µg/L	1	0.13
		SW8260	Bromodichloromethane	75-27-4	N	0.12	U	µg/L	0.5	0.12
		SW8260	Bromoform	75-25-2	N	0.08	U	µg/L	1	0.08
		SW8260	Bromomethane	74-83-9	N	0.23	U	µg/L	3	0.23
		SW8260	Carbon Tetrachloride	56-23-5	N	0.08	U	µg/L	1	0.08
		SW8260	Chlorobenzene	108-90-7	N	0.12	U	µg/L	0.5	0.12
		SW8260	Chloroethane	75-00-3	N	0.2	U	µg/L	1	0.2
		SW8260	Chloroform	67-66-3	N	0.2	F	µg/L	0.3	0.13
		SW8260	Chloromethane	74-87-3	N	0.15	U	µg/L	1	0.15
		SW8260	cis-1,2-DCE	156-59-2	N	28.9		µg/L	1	0.1
		SW8260	cis-1,3-Dichloropropene	10061-01-5	N	0.1	U	µg/L	0.5	0.1
		SW8260	Dibromochloromethane	124-48-1	N	0.09	U	µg/L	0.5	0.09
		SW8260	Dibromomethane	74-95-3	N	0.11	U	µg/L	1	0.11
		SW8260	Dichlorodifluoromethane	75-71-8	N	0.13	U	µg/L	1	0.13
		SW8260	Ethylbenzene	100-41-4	N	0.08	U	µg/L	1	0.08
		SW8260	Hexachlorobutadiene	87-68-3	N	0.09	U	µg/L	0.6	0.09
		SW8260	Isopropylbenzene	98-82-8	N	0.08	U	µg/L	1	0.08
		SW8260	m,p-Xylene	108-38-3/1	N	0.14	U	µg/L	2	0.14
		SW8260	MEK (2-Butanone)	78-93-3	N	0.2	U	µg/L	10	0.2
		SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	0.15	U	µg/L	5	0.15
		SW8260	Methylene Chloride	75-09-2	N	0.2	U	µg/L	1	0.2
		SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	0.1	U	µg/L	10	0.1
		SW8260	Naphthalene	91-20-3	N	0.05	U	µg/L	1	0.05
		SW8260	n-Butylbenzene	104-51-8	N	0.09	U	µg/L	1	0.09
		SW8260	n-Propylbenzene	103-65-1	N	0.08	U	µg/L	1	0.08
		SW8260	o-Xylene	95-47-6	N	0.09	U	µg/L	1	0.09
		SW8260	p-Isopropyltoluene	99-87-6	N	0.09	U	µg/L	1	0.09
		SW8260	sec-Butylbenzene	135-98-8	N	0.07	U	µg/L	1	0.07

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Performance Monitoring Well Results										
10M006MW	8/15/2005	SW8260	Styrene	100-42-5	N	0.08	U	µg/L	1	0.08
		SW8260	Tert-Butylbenzene	98-06-6	N	0.07	U	µg/L	1	0.07
		SW8260	Tetrachloroethylene	127-18-4	N	2.3		µg/L	1	0.07
		SW8260	Toluene	108-88-3	N	0.08	U	µg/L	1	0.08
		SW8260	trans-1,2-DCE	156-60-5	N	1.15		µg/L	1	0.09
		SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.07	U	µg/L	1	0.07
		SW8260	Trichloroethene	79-01-6	N	158		µg/L	10	0.99
		SW8260	Trichlorofluoromethane	75-69-4	N	0.17	U	µg/L	1	0.17
		SW8260	Vinyl Chloride	75-01-4	N	0.21	U	µg/L	1	0.21
		SW9056	Chloride	CHLORIDE	N	2.37		mg/L	1	0.01
		SW9056	Nitrate-N	NITRATE	N	2.32	J	mg/L	1	0.002
		SW9056	Phosphate	PHOSPHATE	N	0.01	R	mg/L	1	0.01
		SW9056	Sulfate	SULFATE	N	3.7		mg/L	1	0.01
		SW9060	Dissolved Organic Carbon	DOC	N	1.21		mg/L	1	0.03
		SW9060	Total Organic Carbon	TOC	N	0.57	F	mg/L	1	0.03

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Injection Well Results										
10C030RW	8/15/2005	E300.0M	Acetic Acid	64-19-7	N	0.008	U	mg/L	0.1	0.008
		E300.0M	Lactic Acid	50-21-5	N	0.011	U	mg/L	0.1	0.011
		E300.0M	Propionic Acid	79-09-4	N	0.009	U	mg/L	0.1	0.009
		RSK-175	Ethane	74-84-0	N	0.021	U	µg/L	0.65	0.021
		RSK-175	Ethene	74-85-1	N	0.014	U	µg/L	0.67	0.014
		RSK-175	Methane	74-82-8	N	0.326	F	µg/L	0.49	0.026
		SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	0.09	U	µg/L	0.5	0.09
		SW8260	1,1,1-TCA	71-55-6	N	0.11	U	µg/L	1	0.11
		SW8260	1,1,2,2-Tetrachloroethane	79-34-5	N	0.11	U	µg/L	0.5	0.11
		SW8260	1,1,2-Trichloroethane	79-00-5	N	0.14	U	µg/L	1	0.14
		SW8260	1,1-DCE	75-35-4	N	0.13	U	µg/L	1	0.13
		SW8260	1,1-Dichloroethane	75-34-3	N	0.13	U	µg/L	1	0.13
		SW8260	1,1-Dichloropropene	563-58-6	N	0.07	U	µg/L	1	0.07
		SW8260	1,2,3-Trichlorobenzene	87-61-6	N	0.07	U	µg/L	1	0.07
		SW8260	1,2,3-Trichloropropane	96-18-4	N	0.11	U	µg/L	1	0.11
		SW8260	1,2,4-Trichlorobenzene	120-82-1	N	0.08	U	µg/L	1	0.08
		SW8260	1,2,4-Trimethylbenzene	95-63-6	N	0.07	U	µg/L	1	0.07
		SW8260	1,2-DCA	107-06-2	N	0.1	U	µg/L	0.5	0.1
		SW8260	1,2-DCB	95-50-1	N	0.11	U	µg/L	1	0.11
		SW8260	1,2-Dibromo-3-chloropropane	96-12-8	N	0.12	U	µg/L	2	0.12
		SW8260	1,2-Dichloropropene	78-87-5	N	0.12	U	µg/L	1	0.12
		SW8260	1,2-EDB	106-93-4	N	0.09	U	µg/L	1	0.09
		SW8260	1,3,5-Trimethylbenzene	108-67-8	N	0.08	U	µg/L	1	0.08
		SW8260	1,3-DCB	541-73-1	N	0.1	U	µg/L	1	0.1
		SW8260	1,3-Dichloropropene	142-28-9	N	0.09	U	µg/L	0.4	0.09
		SW8260	1,4-DCB	106-46-7	N	0.13	U	µg/L	0.5	0.13
		SW8260	1-Chlorohexane	544-10-5	N	0.06	U	µg/L	1	0.06
		SW8260	2,2-Dichloropropene	594-20-7	N	0.12	U	µg/L	1	0.12
		SW8260	2-Chlorotoluene	95-49-8	N	0.08	U	µg/L	1	0.08
		SW8260	4-Chlorotoluene	106-43-4	N	0.07	U	µg/L	1	0.07
		SW8260	Acetone	67-64-1	N	0.6	U	µg/L	10	0.6
		SW8260	Benzene	71-43-2	N	0.07	U	µg/L	0.4	0.07
		SW8260	Bromobenzene	108-86-1	N	0.11	U	µg/L	1	0.11
		SW8260	Bromochloromethane	74-97-5	N	0.13	U	µg/L	1	0.13

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Injection Well Results										
10C030RW	8/15/2005	SW8260	Bromodichloromethane	75-27-4	N	0.12	U	µg/L	0.5	0.12
		SW8260	Bromoform	75-25-2	N	0.08	U	µg/L	1	0.08
		SW8260	Bromomethane	74-83-9	N	0.23	U	µg/L	3	0.23
		SW8260	Carbon Tetrachloride	56-23-5	N	0.08	U	µg/L	1	0.08
		SW8260	Chlorobenzene	108-90-7	N	0.12	U	µg/L	0.5	0.12
		SW8260	Chloroethane	75-00-3	N	0.2	U	µg/L	1	0.2
		SW8260	Chloroform	67-66-3	N	0.52		µg/L	0.3	0.13
		SW8260	Chloromethane	74-87-3	N	0.15	U	µg/L	1	0.15
		SW8260	cis-1,2-DCE	156-59-2	N	264		µg/L	50	4.76
		SW8260	cis-1,3-Dichloropropene	10061-01-5	N	0.1	U	µg/L	0.5	0.1
		SW8260	Dibromochloromethane	124-48-1	N	0.09	U	µg/L	0.5	0.09
		SW8260	Dibromomethane	74-95-3	N	0.11	U	µg/L	1	0.11
		SW8260	Dichlorodifluoromethane	75-71-8	N	0.13	U	µg/L	1	0.13
		SW8260	Ethylbenzene	100-41-4	N	0.08	U	µg/L	1	0.08
		SW8260	Hexachlorobutadiene	87-68-3	N	0.09	U	µg/L	0.6	0.09
		SW8260	Isopropylbenzene	98-82-8	N	0.08	U	µg/L	1	0.08
		SW8260	m,p-Xylene	108-38-3/1	N	0.14	U	µg/L	2	0.14
		SW8260	MEK (2-Butanone)	78-93-3	N	0.2	U	µg/L	10	0.2
		SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	0.15	U	µg/L	5	0.15
		SW8260	Methylene Chloride	75-09-2	N	0.2	U	µg/L	1	0.2
		SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	0.1	U	µg/L	10	0.1
		SW8260	Naphthalene	91-20-3	N	0.05	U	µg/L	1	0.05
		SW8260	n-Butylbenzene	104-51-8	N	0.09	U	µg/L	1	0.09
		SW8260	n-Propylbenzene	103-65-1	N	0.08	U	µg/L	1	0.08
		SW8260	o-Xylene	95-47-6	N	0.09	U	µg/L	1	0.09
		SW8260	p-Isopropyltoluene	99-87-6	N	0.09	U	µg/L	1	0.09
		SW8260	sec-Butylbenzene	135-98-8	N	0.07	U	µg/L	1	0.07
		SW8260	Styrene	100-42-5	N	0.08	U	µg/L	1	0.08
		SW8260	Tert-Butylbenzene	98-06-6	N	0.07	U	µg/L	1	0.07
		SW8260	Tetrachloroethylene	127-18-4	N	30.2		µg/L	1	0.07
		SW8260	Toluene	108-88-3	N	0.08	U	µg/L	1	0.08
		SW8260	trans-1,2-DCE	156-60-5	N	0.69	F	µg/L	1	0.09
		SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.07	U	µg/L	1	0.07
		SW8260	Trichloroethene	79-01-6	N	349		µg/L	50	4.93

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Injection Well Results										
10C030RW	8/15/2005	SW8260	Trichlorofluoromethane	75-69-4	N	0.17	U	µg/L	1	0.17
		SW8260	Vinyl Chloride	75-01-4	N	0.21	U	µg/L	1	0.21
10C031RW		E300.0M	Acetic Acid	64-19-7	N	0.008	U	mg/L	0.1	0.008
		E300.0M	Lactic Acid	50-21-5	N	0.011	U	mg/L	0.1	0.011
		E300.0M	Propionic Acid	79-09-4	N	0.009	U	mg/L	0.1	0.009
		RSK-175	Ethane	74-84-0	N	0.022	U	µg/L	0.71	0.022
		RSK-175	Ethene	74-85-1	N	0.016	U	µg/L	0.72	0.016
		RSK-175	Methane	74-82-8	N	1.591		µg/L	0.53	0.029
		SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	0.92	U	µg/L	5	0.92
		SW8260	1,1,1-TCA	71-55-6	N	1.06	U	µg/L	10	1.06
		SW8260	1,1,2,2-Tetrachloroethane	79-34-5	N	1.14	U	µg/L	5	1.14
		SW8260	1,1,2-Trichloroethane	79-00-5	N	1.37	U	µg/L	10	1.37
		SW8260	1,1-DCE	75-35-4	N	1.25	U	µg/L	10	1.25
		SW8260	1,1-Dichloroethane	75-34-3	N	1.32	U	µg/L	10	1.32
		SW8260	1,1-Dichloropropene	563-58-6	N	0.7	U	µg/L	10	0.7
		SW8260	1,2,3-Trichlorobenzene	87-61-6	N	0.75	U	µg/L	10	0.75
		SW8260	1,2,3-Trichloropropane	96-18-4	N	1.09	U	µg/L	10	1.09
		SW8260	1,2,4-Trichlorobenzene	120-82-1	N	0.78	U	µg/L	10	0.78
		SW8260	1,2,4-Trimethylbenzene	95-63-6	N	0.73	U	µg/L	10	0.73
		SW8260	1,2-DCA	107-06-2	N	1.01	U	µg/L	5	1.01
		SW8260	1,2-DCB	95-50-1	N	1.07	U	µg/L	10	1.07
		SW8260	1,2-Dibromo-3-chloropropane	96-12-8	N	1.16	U	µg/L	20	1.16
		SW8260	1,2-Dichloropropane	78-87-5	N	1.19	U	µg/L	10	1.19
		SW8260	1,2-EDB	106-93-4	N	0.86	U	µg/L	10	0.86
		SW8260	1,3,5-Trimethylbenzene	108-67-8	N	0.85	U	µg/L	10	0.85
		SW8260	1,3-DCB	541-73-1	N	1.03	U	µg/L	10	1.03
		SW8260	1,3-Dichloropropane	142-28-9	N	0.87	U	µg/L	4	0.87
		SW8260	1,4-DCB	106-46-7	N	1.33	U	µg/L	5	1.33
		SW8260	1-Chlorohexane	544-10-5	N	0.63	U	µg/L	10	0.63
		SW8260	2,2-Dichloropropane	594-20-7	N	1.16	U	µg/L	10	1.16
		SW8260	2-Chlorotoluene	95-49-8	N	0.83	U	µg/L	10	0.83
		SW8260	4-Chlorotoluene	106-43-4	N	0.74	U	µg/L	10	0.74
		SW8260	Acetone	67-64-1	N	6.4	U	µg/L	100	6.4
		SW8260	Benzene	71-43-2	N	0.72	U	µg/L	4	0.72

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Injection Well Results										
10C031RW	8/15/2005	SW8260	Bromobenzene	108-86-1	N	1.1	U	µg/L	10	1.1
		SW8260	Bromochloromethane	74-97-5	N	1.32	U	µg/L	10	1.32
		SW8260	Bromodichloromethane	75-27-4	N	1.19	U	µg/L	5	1.19
		SW8260	Bromoform	75-25-2	N	0.76	U	µg/L	10	0.76
		SW8260	Bromomethane	74-83-9	N	2.28	U	µg/L	30	2.28
		SW8260	Carbon Tetrachloride	56-23-5	N	0.79	U	µg/L	10	0.79
		SW8260	Chlorobenzene	108-90-7	N	1.24	U	µg/L	5	1.24
		SW8260	Chloroethane	75-00-3	N	2.02	U	µg/L	10	2.02
		SW8260	Chloroform	67-66-3	N	1.7	F	µg/L	3	1.26
		SW8260	Chloromethane	74-87-3	N	1.45	U	µg/L	10	1.45
		SW8260	cis-1,2-DCE	156-59-2	N	329		µg/L	10	0.95
		SW8260	cis-1,3-Dichloropropene	10061-01-5	N	1.03	U	µg/L	5	1.03
		SW8260	Dibromochloromethane	124-48-1	N	0.9	U	µg/L	5	0.9
		SW8260	Dibromomethane	74-95-3	N	1.15	U	µg/L	10	1.15
		SW8260	Dichlorodifluoromethane	75-71-8	N	1.32	U	µg/L	10	1.32
		SW8260	Ethylbenzene	100-41-4	N	0.79	U	µg/L	10	0.79
		SW8260	Hexachlorobutadiene	87-68-3	N	0.94	U	µg/L	6	0.94
		SW8260	Isopropylbenzene	98-82-8	N	0.78	U	µg/L	10	0.78
		SW8260	m,p-Xylene	108-38-3/1	N	1.37	U	µg/L	20	1.37
		SW8260	MEK (2-Butanone)	78-93-3	N	1.9	U	µg/L	100	1.9
		SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	1.5	U	µg/L	50	1.5
		SW8260	Methylene Chloride	75-09-2	N	1.98	U	µg/L	10	1.98
		SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	1.5	U	µg/L	100	1.5
		SW8260	Naphthalene	91-20-3	N	0.53	U	µg/L	10	0.53
		SW8260	n-Butylbenzene	104-51-8	N	0.88	U	µg/L	10	0.88
		SW8260	n-Propylbenzene	103-65-1	N	0.76	U	µg/L	10	0.76
		SW8260	o-Xylene	95-47-6	N	0.89	U	µg/L	10	0.89
		SW8260	p-Isopropyltoluene	99-87-6	N	0.9	U	µg/L	10	0.9
		SW8260	sec-Butylbenzene	135-98-8	N	0.75	U	µg/L	10	0.75
		SW8260	Styrene	100-42-5	N	0.82	U	µg/L	10	0.82
		SW8260	Tert-Butylbenzene	98-06-6	N	0.7	U	µg/L	10	0.7
		SW8260	Tetrachloroethylene	127-18-4	N	174		µg/L	10	0.72
		SW8260	Toluene	108-88-3	N	0.79	U	µg/L	10	0.79
		SW8260	trans-1,2-DCE	156-60-5	N	1.08	F	µg/L	10	0.94

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Injection Well Results										
10C031RW	8/15/2005	SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.66	U	µg/L	10	0.66
		SW8260	Trichloroethene	79-01-6	N	2310	U	µg/L	50	4.93
		SW8260	Trichlorofluoromethane	75-69-4	N	1.74	U	µg/L	10	1.74
		SW8260	Vinyl Chloride	75-01-4	N	2.09	U	µg/L	10	2.09
10C032RW	E300.0M	E300.0M	Acetic Acid	64-19-7	N	0.008	U	mg/L	0.1	0.008
		E300.0M	Lactic Acid	50-21-5	N	0.011	U	mg/L	0.1	0.011
		E300.0M	Propionic Acid	79-09-4	N	0.009	U	mg/L	0.1	0.009
		RSK-175	Ethane	74-84-0	N	0.065	F	µg/L	0.69	0.022
		RSK-175	Ethene	74-85-1	N	0.371	F	µg/L	0.71	0.015
		RSK-175	Methane	74-82-8	N	0.62	U	µg/L	0.52	0.028
		SW6010	Iron, dissolved	7439-89-6_D	N	0.005	U	mg/L	0.2	0.005
		SW6010	Manganese, dissolved	7439-96-5_D	N	0.0004	F	mg/L	0.01	0.0003
		SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	0.46	U	µg/L	2.5	0.46
		SW8260	1,1,1-TCA	71-55-6	N	0.53	U	µg/L	5	0.53
		SW8260	1,1,2,2-Tetrachloroethane	79-34-5	N	0.57	U	µg/L	2.5	0.57
		SW8260	1,1,2-Trichloroethane	79-00-5	N	0.68	U	µg/L	5	0.68
		SW8260	1,1-DCE	75-35-4	N	0.63	U	µg/L	5	0.63
		SW8260	1,1-Dichloroethane	75-34-3	N	0.66	U	µg/L	5	0.66
		SW8260	1,1-Dichloropropene	563-58-6	N	0.35	U	µg/L	5	0.35
		SW8260	1,2,3-Trichlorobenzene	87-61-6	N	0.37	U	µg/L	5	0.37
		SW8260	1,2,3-Trichloropropane	96-18-4	N	0.54	U	µg/L	5	0.54
		SW8260	1,2,4-Trichlorobenzene	120-82-1	N	0.39	U	µg/L	5	0.39
		SW8260	1,2,4-Trimethylbenzene	95-63-6	N	0.36	U	µg/L	5	0.36
		SW8260	1,2-DCA	107-06-2	N	0.5	U	µg/L	2.5	0.5
		SW8260	1,2-DCB	95-50-1	N	0.53	U	µg/L	5	0.53
		SW8260	1,2-Dibromo-3-chloropropane	96-12-8	N	0.58	U	µg/L	10	0.58
		SW8260	1,2-Dichloropropane	78-87-5	N	0.59	U	µg/L	5	0.59
		SW8260	1,2-EDB	106-93-4	N	0.43	U	µg/L	5	0.43
		SW8260	1,3,5-Trimethylbenzene	108-67-8	N	0.42	U	µg/L	5	0.42
		SW8260	1,3-DCB	541-73-1	N	0.51	U	µg/L	5	0.51
		SW8260	1,3-Dichloropropane	142-28-9	N	0.43	U	µg/L	2	0.43
		SW8260	1,4-DCB	106-46-7	N	0.67	U	µg/L	2.5	0.67
		SW8260	1-Chlorohexane	544-10-5	N	0.31	U	µg/L	5	0.31
		SW8260	2,2-Dichloropropane	594-20-7	N	0.58	U	µg/L	5	0.58

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Injection Well Results										
10C032RW	8/15/2005	SW8260	2-Chlorotoluene	95-49-8	N	0.41	U	µg/L	5	0.41
		SW8260	4-Chlorotoluene	106-43-4	N	0.37	U	µg/L	5	0.37
		SW8260	Acetone	67-64-1	N	3.2	U	µg/L	50	3.2
		SW8260	Benzene	71-43-2	N	0.36	U	µg/L	2	0.36
		SW8260	Bromobenzene	108-86-1	N	0.55	U	µg/L	5	0.55
		SW8260	Bromochloromethane	74-97-5	N	0.66	U	µg/L	5	0.66
		SW8260	Bromodichloromethane	75-27-4	N	0.59	U	µg/L	2.5	0.59
		SW8260	Bromoform	75-25-2	N	0.38	U	µg/L	5	0.38
		SW8260	Bromomethane	74-83-9	N	1.14	U	µg/L	15	1.14
		SW8260	Carbon Tetrachloride	56-23-5	N	0.39	U	µg/L	5	0.39
		SW8260	Chlorobenzene	108-90-7	N	0.62	U	µg/L	2.5	0.62
		SW8260	Chloroethane	75-00-3	N	1.01	U	µg/L	5	1.01
		SW8260	Chloroform	67-66-3	N	1.36	F	µg/L	1.5	0.63
		SW8260	Chloromethane	74-87-3	N	0.73	U	µg/L	5	0.73
		SW8260	cis-1,2-DCE	156-59-2	N	300		µg/L	5	0.48
		SW8260	cis-1,3-Dichloropropene	10061-01-5	N	0.51	U	µg/L	2.5	0.51
		SW8260	Dibromochloromethane	124-48-1	N	0.45	U	µg/L	2.5	0.45
		SW8260	Dibromomethane	74-95-3	N	0.57	U	µg/L	5	0.57
		SW8260	Dichlorodifluoromethane	75-71-8	N	0.66	U	µg/L	5	0.66
		SW8260	Ethylbenzene	100-41-4	N	0.39	U	µg/L	5	0.39
		SW8260	Hexachlorobutadiene	87-68-3	N	0.47	U	µg/L	3	0.47
		SW8260	Isopropylbenzene	98-82-8	N	0.39	U	µg/L	5	0.39
		SW8260	m,p-Xylene	108-38-3/1	N	0.68	U	µg/L	10	0.68
		SW8260	MEK (2-Butanone)	78-93-3	N	0.9	U	µg/L	50	0.9
		SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	0.75	U	µg/L	25	0.75
		SW8260	Methylene Chloride	75-09-2	N	0.99	U	µg/L	5	0.99
		SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	0.7	U	µg/L	50	0.7
		SW8260	Naphthalene	91-20-3	N	0.26	U	µg/L	5	0.26
		SW8260	n-Butylbenzene	104-51-8	N	0.44	U	µg/L	5	0.44
		SW8260	n-Propylbenzene	103-65-1	N	0.38	U	µg/L	5	0.38
		SW8260	o-Xylene	95-47-6	N	0.44	U	µg/L	5	0.44
		SW8260	p-Isopropyltoluene	99-87-6	N	0.45	U	µg/L	5	0.45
		SW8260	sec-Butylbenzene	135-98-8	N	0.37	U	µg/L	5	0.37
		SW8260	Styrene	100-42-5	N	0.41	U	µg/L	5	0.41

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Injection Well Results										
10C032RW	8/15/2005	SW8260	Tert-Butylbenzene	98-06-6	N	0.35	U	µg/L	5	0.35
		SW8260	Tetrachloroethylene	127-18-4	N	72.4		µg/L	5	0.36
		SW8260	Toluene	108-88-3	N	0.39	U	µg/L	5	0.39
		SW8260	trans-1,2-DCE	156-60-5	N	1.74	F	µg/L	5	0.47
		SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.33	U	µg/L	5	0.33
		SW8260	Trichloroethene	79-01-6	N	1440		µg/L	50	4.93
		SW8260	Trichlorofluoromethane	75-69-4	N	0.87	U	µg/L	5	0.87
		SW8260	Vinyl Chloride	75-01-4	N	1.15	F	µg/L	5	1.04
		SW9030	Sulfide		SULFIDE	0.76	F	mg/L	2	0.43
		SW9056	Chloride		CHLORIDE	13.8		mg/L	1	0.01
		SW9056	Nitrate-N		NITRATE	1.84		mg/L	1	0.002
		SW9056	Nitrite-N		NITRITE	0.01	U	mg/L	1	0.01
		SW9056	Phosphate		PHOSPHATE	0.01	U	mg/L	1	0.01
		SW9056	Sulfate		SULFATE	7.75		mg/L	1	0.01
10C046RW	9/6/2005	E300.0M	Acetic Acid	64-19-7	N	0.008	U	mg/L	0.1	0.008
		E300.0M	Lactic Acid	50-21-5	N	0.011	U	mg/L	0.1	0.011
		E300.0M	Propionic Acid	79-09-4	N	0.009	U	mg/L	0.1	0.009
		RSK-175	Ethane	74-84-0	N	0.028	U	µg/L	0.88	0.028
		RSK-175	Ethene	74-85-1	N	0.03	F	µg/L	0.89	0.019
		RSK-175	Methane	74-82-8	N	0.638	F	µg/L	0.66	0.036
		SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	0.13	U	µg/L	1.1	0.13
		SW8260	1,1,1-TCA	71-55-6	N	0.17	U	µg/L	2.2	0.17
		SW8260	1,1,2,2-Tetrachloroethane	79-34-5	N	0.12	U	µg/L	1.1	0.12
		SW8260	1,1,2-Trichloroethane	79-00-5	N	0.16	U	µg/L	2.2	0.16
		SW8260	1,1-DCE	75-35-4	N	0.41	F	µg/L	2.2	0.16
		SW8260	1,1-Dichloroethane	75-34-3	N	0.13	U	µg/L	2.2	0.13
		SW8260	1,1-Dichloropropene	563-58-6	N	0.12	U	µg/L	2.2	0.12
		SW8260	1,2,3-Trichlorobenzene	87-61-6	N	0.2	U	µg/L	2.2	0.2
		SW8260	1,2,3-Trichloropropane	96-18-4	N	0.17	U	µg/L	2.2	0.17
		SW8260	1,2,4-Trichlorobenzene	120-82-1	N	0.14	U	µg/L	2.2	0.14
		SW8260	1,2,4-Trimethylbenzene	95-63-6	N	0.1	U	µg/L	2.2	0.1
		SW8260	1,2-DCA	107-06-2	N	0.19	U	µg/L	1.1	0.19
		SW8260	1,2-DCB	95-50-1	N	0.13	U	µg/L	2.2	0.13
		SW8260	1,2-Dibromo-3-chloropropane	96-12-8	N	0.26	U	µg/L	4.4	0.26

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Injection Well Results										
10C046RW	9/6/2005	SW8260	1,2-Dichloropropane	78-87-5	N	0.09	U	µg/L	2.2	0.09
		SW8260	1,2-EDB	106-93-4	N	0.16	U	µg/L	2.2	0.16
		SW8260	1,3,5-Trimethylbenzene	108-67-8	N	0.13	U	µg/L	2.2	0.13
		SW8260	1,3-DCB	541-73-1	N	0.14	U	µg/L	2.2	0.14
		SW8260	1,3-Dichloropropane	142-28-9	N	0.11	U	µg/L	0.9	0.11
		SW8260	1,4-DCB	106-46-7	N	0.15	U	µg/L	1.1	0.15
		SW8260	1-Chlorohexane	544-10-5	N	0.13	U	µg/L	2.2	0.13
		SW8260	2,2-Dichloropropane	594-20-7	N	0.2	U	µg/L	2.2	0.2
		SW8260	2-Chlorotoluene	95-49-8	N	0.12	U	µg/L	2.2	0.12
		SW8260	4-Chlorotoluene	106-43-4	N	0.13	U	µg/L	2.2	0.13
		SW8260	Acetone	67-64-1	N	1	U	µg/L	22	1
		SW8260	Benzene	71-43-2	N	0.14	U	µg/L	0.9	0.14
		SW8260	Bromobenzene	108-86-1	N	0.16	U	µg/L	2.2	0.16
		SW8260	Bromochloromethane	74-97-5	N	0.2	U	µg/L	2.2	0.2
		SW8260	Bromodichloromethane	75-27-4	N	0.16	U	µg/L	1.1	0.16
		SW8260	Bromoform	75-25-2	N	0.18	U	µg/L	2.2	0.18
		SW8260	Bromomethane	74-83-9	N	0.23	U	µg/L	6.6	0.23
		SW8260	Carbon Tetrachloride	56-23-5	N	0.12	U	µg/L	2.2	0.12
		SW8260	Chlorobenzene	108-90-7	N	0.15	U	µg/L	1.1	0.15
		SW8260	Chloroethane	75-00-3	N	0.07	U	µg/L	2.2	0.07
		SW8260	Chloroform	67-66-3	N	0.41	F	µg/L	0.7	0.19
		SW8260	Chloromethane	74-87-3	N	0.09	U	µg/L	2.2	0.09
		SW8260	cis-1,2-DCE	156-59-2	N	398		µg/L	50	2.87
		SW8260	cis-1,3-Dichloropropene	10061-01-5	N	0.15	U	µg/L	1.1	0.15
		SW8260	Dibromochloromethane	124-48-1	N	0.07	U	µg/L	1.1	0.07
		SW8260	Dibromomethane	74-95-3	N	0.19	U	µg/L	2.2	0.19
		SW8260	Dichlorodifluoromethane	75-71-8	N	0.12	U	µg/L	2.2	0.12
		SW8260	Ethylbenzene	100-41-4	N	0.12	U	µg/L	2.2	0.12
		SW8260	Hexachlorobutadiene	87-68-3	N	0.16	U	µg/L	1.3	0.16
		SW8260	Isopropylbenzene	98-82-8	N	0.11	U	µg/L	2.2	0.11
		SW8260	m,p-Xylene	108-38-3/1	N	0.22	U	µg/L	4.4	0.22
		SW8260	MEK (2-Butanone)	78-93-3	N	0.6	U	µg/L	22	0.6
		SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	0.13	U	µg/L	11	0.13
		SW8260	Methylene Chloride	75-09-2	N	0.15	U	µg/L	2.2	0.15

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Injection Well Results										
10C046RW	9/6/2005	SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	0.4	U	µg/L	22	0.4
		SW8260	Naphthalene	91-20-3	N	0.14	U	µg/L	2.2	0.14
		SW8260	n-Butylbenzene	104-51-8	N	0.13	U	µg/L	2.2	0.13
		SW8260	n-Propylbenzene	103-65-1	N	0.11	U	µg/L	2.2	0.11
		SW8260	o-Xylene	95-47-6	N	0.13	U	µg/L	2.2	0.13
		SW8260	p-Isopropyltoluene	99-87-6	N	0.09	U	µg/L	2.2	0.09
		SW8260	sec-Butylbenzene	135-98-8	N	0.12	U	µg/L	2.2	0.12
		SW8260	Styrene	100-42-5	N	0.11	U	µg/L	2.2	0.11
		SW8260	Tert-Butylbenzene	98-06-6	N	0.12	U	µg/L	2.2	0.12
		SW8260	Tetrachloroethylene	127-18-4	N	48.6		µg/L	2.2	0.17
		SW8260	Toluene	108-88-3	N	0.12	U	µg/L	2.2	0.12
		SW8260	trans-1,2-DCE	156-60-5	N	1.56	F	µg/L	2.2	0.16
		SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.12	U	µg/L	2.2	0.12
		SW8260	Trichloroethene	79-01-6	N	592		µg/L	50	3.57
		SW8260	Trichlorofluoromethane	75-69-4	N	0.14	U	µg/L	2.2	0.14
		SW8260	Vinyl Chloride	75-01-4	N	0.21	U	µg/L	2.2	0.21
10C052RW	9/7/2005	SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	0.06	U	µg/L	0.5	0.06
		SW8260	1,1,1-TCA	71-55-6	N	0.08	U	µg/L	1	0.08
		SW8260	1,1,2,2-Tetrachloroethane	79-34-5	N	0.06	U	µg/L	0.5	0.06
		SW8260	1,1,2-Trichloroethane	79-00-5	N	0.09	F	µg/L	1	0.07
		SW8260	1,1-DCE	75-35-4	N	0.07	U	µg/L	1	0.07
		SW8260	1,1-Dichloroethane	75-34-3	N	0.06	U	µg/L	1	0.06
		SW8260	1,1-Dichloropropene	563-58-6	N	0.05	U	µg/L	1	0.05
		SW8260	1,2,3-Trichlorobenzene	87-61-6	N	0.09	U	µg/L	1	0.09
		SW8260	1,2,3-Trichloropropane	96-18-4	N	0.08	U	µg/L	1	0.08
		SW8260	1,2,4-Trichlorobenzene	120-82-1	N	0.06	U	µg/L	1	0.06
		SW8260	1,2,4-Trimethylbenzene	95-63-6	N	0.05	U	µg/L	1	0.05
		SW8260	1,2-DCA	107-06-2	N	0.09	U	µg/L	0.5	0.09
		SW8260	1,2-DCB	95-50-1	N	0.06	U	µg/L	1	0.06
		SW8260	1,2-Dibromo-3-chloropropane	96-12-8	N	0.12	U	µg/L	2	0.12
		SW8260	1,2-Dichloropropane	78-87-5	N	0.04	U	µg/L	1	0.04
		SW8260	1,2-EDB	106-93-4	N	0.07	U	µg/L	1	0.07
		SW8260	1,3,5-Trimethylbenzene	108-67-8	N	0.06	U	µg/L	1	0.06
		SW8260	1,3-DCB	541-73-1	N	0.06	U	µg/L	1	0.06

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Injection Well Results										
10C052RW	9/7/2005	SW8260	1,3-Dichloropropane	142-28-9	N	0.05	U	µg/L	0.4	0.05
		SW8260	1,4-DCB	106-46-7	N	0.07	U	µg/L	0.5	0.07
		SW8260	1-Chlorohexane	544-10-5	N	0.06	U	µg/L	1	0.06
		SW8260	2,2-Dichloropropane	594-20-7	N	0.09	U	µg/L	1	0.09
		SW8260	2-Chlorotoluene	95-49-8	N	0.06	U	µg/L	1	0.06
		SW8260	4-Chlorotoluene	106-43-4	N	0.06	U	µg/L	1	0.06
		SW8260	Acetone	67-64-1	N	13.2		µg/L	10	0.5
		SW8260	Benzene	71-43-2	N	0.06	U	µg/L	0.4	0.06
		SW8260	Bromobenzene	108-86-1	N	0.07	U	µg/L	1	0.07
		SW8260	Bromochloromethane	74-97-5	N	0.09	U	µg/L	1	0.09
		SW8260	Bromodichloromethane	75-27-4	N	0.07	U	µg/L	0.5	0.07
		SW8260	Bromoform	75-25-2	N	0.08	U	µg/L	1	0.08
		SW8260	Bromomethane	74-83-9	N	0.1	U	µg/L	3	0.1
		SW8260	Carbon Tetrachloride	56-23-5	N	0.06	U	µg/L	1	0.06
		SW8260	Chlorobenzene	108-90-7	N	0.07	U	µg/L	0.5	0.07
		SW8260	Chloroethane	75-00-3	N	0.03	U	µg/L	1	0.03
		SW8260	Chloroform	67-66-3	N	0.12	F	µg/L	0.3	0.09
		SW8260	Chloromethane	74-87-3	N	0.04	U	µg/L	1	0.04
		SW8260	cis-1,2-DCE	156-59-2	N	63.2		µg/L	1	0.06
		SW8260	cis-1,3-Dichloropropene	10061-01-5	N	0.07	U	µg/L	0.5	0.07
		SW8260	Dibromochloromethane	124-48-1	N	0.03	U	µg/L	0.5	0.03
		SW8260	Dibromomethane	74-95-3	N	0.09	U	µg/L	1	0.09
		SW8260	Dichlorodifluoromethane	75-71-8	N	0.05	U	µg/L	1	0.05
		SW8260	Ethylbenzene	100-41-4	N	0.06	U	µg/L	1	0.06
		SW8260	Hexachlorobutadiene	87-68-3	N	0.07	U	µg/L	0.6	0.07
		SW8260	Isopropylbenzene	98-82-8	N	0.05	U	µg/L	1	0.05
		SW8260	m,p-Xylene	108-38-3/1	N	0.1	U	µg/L	2	0.1
		SW8260	MEK (2-Butanone)	78-93-3	N	0.3	U	µg/L	10	0.3
		SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	0.06	U	µg/L	5	0.06
		SW8260	Methylene Chloride	75-09-2	N	0.07	U	µg/L	1	0.07
		SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	32.1		µg/L	10	0.2
		SW8260	Naphthalene	91-20-3	N	0.07	U	µg/L	1	0.07
		SW8260	n-Butylbenzene	104-51-8	N	0.06	U	µg/L	1	0.06
		SW8260	n-Propylbenzene	103-65-1	N	0.05	U	µg/L	1	0.05

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Injection Well Results										
10C052RW	9/7/2005	SW8260	o-Xylene	95-47-6	N	0.06	U	µg/L	1	0.06
		SW8260	p-Isopropyltoluene	99-87-6	N	0.04	U	µg/L	1	0.04
		SW8260	sec-Butylbenzene	135-98-8	N	0.06	U	µg/L	1	0.06
		SW8260	Styrene	100-42-5	N	0.05	U	µg/L	1	0.05
		SW8260	Tert-Butylbenzene	98-06-6	N	0.06	U	µg/L	1	0.06
		SW8260	Tetrachloroethylene	127-18-4	N	8.04		µg/L	1	0.08
		SW8260	Toluene	108-88-3	N	0.06	U	µg/L	1	0.06
		SW8260	trans-1,2-DCE	156-60-5	N	2.31		µg/L	1	0.07
		SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.05	U	µg/L	1	0.05
		SW8260	Trichloroethene	79-01-6	N	90.7		µg/L	1	0.07
		SW8260	Trichlorofluoromethane	75-69-4	N	0.06	U	µg/L	1	0.06
		SW8260	Vinyl Chloride	75-01-4	N	0.51	F	µg/L	1	0.09

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Extraction Well Results										
10C030RW	8/15/2005	E300.0M	Acetic Acid	64-19-7	N	0.008	U	mg/L	0.1	0.008
		E300.0M	Lactic Acid	50-21-5	N	0.011	U	mg/L	0.1	0.011
		E300.0M	Propionic Acid	79-09-4	N	0.009	U	mg/L	0.1	0.009
		RSK-175	Ethane	74-84-0	N	0.021	U	µg/L	0.65	0.021
		RSK-175	Ethene	74-85-1	N	0.014	U	µg/L	0.67	0.014
		RSK-175	Methane	74-82-8	N	0.326	F	µg/L	0.49	0.026
		SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	0.09	U	µg/L	0.5	0.09
		SW8260	1,1,1-TCA	71-55-6	N	0.11	U	µg/L	1	0.11
		SW8260	1,1,2,2-Tetrachloroethane	79-34-5	N	0.11	U	µg/L	0.5	0.11
		SW8260	1,1,2-Trichloroethane	79-00-5	N	0.14	U	µg/L	1	0.14
		SW8260	1,1-DCE	75-35-4	N	0.13	U	µg/L	1	0.13
		SW8260	1,1-Dichloroethane	75-34-3	N	0.13	U	µg/L	1	0.13
		SW8260	1,1-Dichloropropene	563-58-6	N	0.07	U	µg/L	1	0.07
		SW8260	1,2,3-Trichlorobenzene	87-61-6	N	0.07	U	µg/L	1	0.07
		SW8260	1,2,3-Trichloropropane	96-18-4	N	0.11	U	µg/L	1	0.11
		SW8260	1,2,4-Trichlorobenzene	120-82-1	N	0.08	U	µg/L	1	0.08
		SW8260	1,2,4-Trimethylbenzene	95-63-6	N	0.07	U	µg/L	1	0.07
		SW8260	1,2-DCA	107-06-2	N	0.1	U	µg/L	0.5	0.1
		SW8260	1,2-DCB	95-50-1	N	0.11	U	µg/L	1	0.11
		SW8260	1,2-Dibromo-3-chloropropane	96-12-8	N	0.12	U	µg/L	2	0.12
		SW8260	1,2-Dichloropropene	78-87-5	N	0.12	U	µg/L	1	0.12
		SW8260	1,2-EDB	106-93-4	N	0.09	U	µg/L	1	0.09
		SW8260	1,3,5-Trimethylbenzene	108-67-8	N	0.08	U	µg/L	1	0.08
		SW8260	1,3-DCB	541-73-1	N	0.1	U	µg/L	1	0.1
		SW8260	1,3-Dichloropropene	142-28-9	N	0.09	U	µg/L	0.4	0.09
		SW8260	1,4-DCB	106-46-7	N	0.13	U	µg/L	0.5	0.13
		SW8260	1-Chlorohexane	544-10-5	N	0.06	U	µg/L	1	0.06
		SW8260	2,2-Dichloropropene	594-20-7	N	0.12	U	µg/L	1	0.12
		SW8260	2-Chlorotoluene	95-49-8	N	0.08	U	µg/L	1	0.08
		SW8260	4-Chlorotoluene	106-43-4	N	0.07	U	µg/L	1	0.07
		SW8260	Acetone	67-64-1	N	0.6	U	µg/L	10	0.6
		SW8260	Benzene	71-43-2	N	0.07	U	µg/L	0.4	0.07
		SW8260	Bromobenzene	108-86-1	N	0.11	U	µg/L	1	0.11
		SW8260	Bromochloromethane	74-97-5	N	0.13	U	µg/L	1	0.13

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Extraction Well Results										
10C030RW	8/15/2005	SW8260	Bromodichloromethane	75-27-4	N	0.12	U	µg/L	0.5	0.12
		SW8260	Bromoform	75-25-2	N	0.08	U	µg/L	1	0.08
		SW8260	Bromomethane	74-83-9	N	0.23	U	µg/L	3	0.23
		SW8260	Carbon Tetrachloride	56-23-5	N	0.08	U	µg/L	1	0.08
		SW8260	Chlorobenzene	108-90-7	N	0.12	U	µg/L	0.5	0.12
		SW8260	Chloroethane	75-00-3	N	0.2	U	µg/L	1	0.2
		SW8260	Chloroform	67-66-3	N	0.52		µg/L	0.3	0.13
		SW8260	Chloromethane	74-87-3	N	0.15	U	µg/L	1	0.15
		SW8260	cis-1,2-DCE	156-59-2	N	264		µg/L	50	4.76
		SW8260	cis-1,3-Dichloropropene	10061-01-5	N	0.1	U	µg/L	0.5	0.1
		SW8260	Dibromochloromethane	124-48-1	N	0.09	U	µg/L	0.5	0.09
		SW8260	Dibromomethane	74-95-3	N	0.11	U	µg/L	1	0.11
		SW8260	Dichlorodifluoromethane	75-71-8	N	0.13	U	µg/L	1	0.13
		SW8260	Ethylbenzene	100-41-4	N	0.08	U	µg/L	1	0.08
		SW8260	Hexachlorobutadiene	87-68-3	N	0.09	U	µg/L	0.6	0.09
		SW8260	Isopropylbenzene	98-82-8	N	0.08	U	µg/L	1	0.08
		SW8260	m,p-Xylene	108-38-3/1	N	0.14	U	µg/L	2	0.14
		SW8260	MEK (2-Butanone)	78-93-3	N	0.2	U	µg/L	10	0.2
		SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	0.15	U	µg/L	5	0.15
		SW8260	Methylene Chloride	75-09-2	N	0.2	U	µg/L	1	0.2
		SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	0.1	U	µg/L	10	0.1
		SW8260	Naphthalene	91-20-3	N	0.05	U	µg/L	1	0.05
		SW8260	n-Butylbenzene	104-51-8	N	0.09	U	µg/L	1	0.09
		SW8260	n-Propylbenzene	103-65-1	N	0.08	U	µg/L	1	0.08
		SW8260	o-Xylene	95-47-6	N	0.09	U	µg/L	1	0.09
		SW8260	p-Isopropyltoluene	99-87-6	N	0.09	U	µg/L	1	0.09
		SW8260	sec-Butylbenzene	135-98-8	N	0.07	U	µg/L	1	0.07
		SW8260	Styrene	100-42-5	N	0.08	U	µg/L	1	0.08
		SW8260	Tert-Butylbenzene	98-06-6	N	0.07	U	µg/L	1	0.07
		SW8260	Tetrachloroethylene	127-18-4	N	30.2		µg/L	1	0.07
		SW8260	Toluene	108-88-3	N	0.08	U	µg/L	1	0.08
		SW8260	trans-1,2-DCE	156-60-5	N	0.69	F	µg/L	1	0.09
		SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.07	U	µg/L	1	0.07
		SW8260	Trichloroethene	79-01-6	N	349		µg/L	50	4.93

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Extraction Well Results										
10C030RW	8/15/2005	SW8260	Trichlorofluoromethane	75-69-4	N	0.17	U	µg/L	1	0.17
		SW8260	Vinyl Chloride	75-01-4	N	0.21	U	µg/L	1	0.21
10C031RW		E300.0M	Acetic Acid	64-19-7	N	0.008	U	mg/L	0.1	0.008
		E300.0M	Lactic Acid	50-21-5	N	0.011	U	mg/L	0.1	0.011
		E300.0M	Propionic Acid	79-09-4	N	0.009	U	mg/L	0.1	0.009
		RSK-175	Ethane	74-84-0	N	0.022	U	µg/L	0.71	0.022
		RSK-175	Ethene	74-85-1	N	0.016	U	µg/L	0.72	0.016
		RSK-175	Methane	74-82-8	N	1.591		µg/L	0.53	0.029
		SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	0.92	U	µg/L	5	0.92
		SW8260	1,1,1-TCA	71-55-6	N	1.06	U	µg/L	10	1.06
		SW8260	1,1,2,2-Tetrachloroethane	79-34-5	N	1.14	U	µg/L	5	1.14
		SW8260	1,1,2-Trichloroethane	79-00-5	N	1.37	U	µg/L	10	1.37
		SW8260	1,1-DCE	75-35-4	N	1.25	U	µg/L	10	1.25
		SW8260	1,1-Dichloroethane	75-34-3	N	1.32	U	µg/L	10	1.32
		SW8260	1,1-Dichloropropene	563-58-6	N	0.7	U	µg/L	10	0.7
		SW8260	1,2,3-Trichlorobenzene	87-61-6	N	0.75	U	µg/L	10	0.75
		SW8260	1,2,3-Trichloropropane	96-18-4	N	1.09	U	µg/L	10	1.09
		SW8260	1,2,4-Trichlorobenzene	120-82-1	N	0.78	U	µg/L	10	0.78
		SW8260	1,2,4-Trimethylbenzene	95-63-6	N	0.73	U	µg/L	10	0.73
		SW8260	1,2-DCA	107-06-2	N	1.01	U	µg/L	5	1.01
		SW8260	1,2-DCB	95-50-1	N	1.07	U	µg/L	10	1.07
		SW8260	1,2-Dibromo-3-chloropropane	96-12-8	N	1.16	U	µg/L	20	1.16
		SW8260	1,2-Dichloropropane	78-87-5	N	1.19	U	µg/L	10	1.19
		SW8260	1,2-EDB	106-93-4	N	0.86	U	µg/L	10	0.86
		SW8260	1,3,5-Trimethylbenzene	108-67-8	N	0.85	U	µg/L	10	0.85
		SW8260	1,3-DCB	541-73-1	N	1.03	U	µg/L	10	1.03
		SW8260	1,3-Dichloropropane	142-28-9	N	0.87	U	µg/L	4	0.87
		SW8260	1,4-DCB	106-46-7	N	1.33	U	µg/L	5	1.33
		SW8260	1-Chlorohexane	544-10-5	N	0.63	U	µg/L	10	0.63
		SW8260	2,2-Dichloropropane	594-20-7	N	1.16	U	µg/L	10	1.16
		SW8260	2-Chlorotoluene	95-49-8	N	0.83	U	µg/L	10	0.83
		SW8260	4-Chlorotoluene	106-43-4	N	0.74	U	µg/L	10	0.74
		SW8260	Acetone	67-64-1	N	6.4	U	µg/L	100	6.4
		SW8260	Benzene	71-43-2	N	0.72	U	µg/L	4	0.72

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Extraction Well Results										
10C031RW	8/15/2005	SW8260	Bromobenzene	108-86-1	N	1.1	U	µg/L	10	1.1
		SW8260	Bromochloromethane	74-97-5	N	1.32	U	µg/L	10	1.32
		SW8260	Bromodichloromethane	75-27-4	N	1.19	U	µg/L	5	1.19
		SW8260	Bromoform	75-25-2	N	0.76	U	µg/L	10	0.76
		SW8260	Bromomethane	74-83-9	N	2.28	U	µg/L	30	2.28
		SW8260	Carbon Tetrachloride	56-23-5	N	0.79	U	µg/L	10	0.79
		SW8260	Chlorobenzene	108-90-7	N	1.24	U	µg/L	5	1.24
		SW8260	Chloroethane	75-00-3	N	2.02	U	µg/L	10	2.02
		SW8260	Chloroform	67-66-3	N	1.7	F	µg/L	3	1.26
		SW8260	Chloromethane	74-87-3	N	1.45	U	µg/L	10	1.45
		SW8260	cis-1,2-DCE	156-59-2	N	329		µg/L	10	0.95
		SW8260	cis-1,3-Dichloropropene	10061-01-5	N	1.03	U	µg/L	5	1.03
		SW8260	Dibromochloromethane	124-48-1	N	0.9	U	µg/L	5	0.9
		SW8260	Dibromomethane	74-95-3	N	1.15	U	µg/L	10	1.15
		SW8260	Dichlorodifluoromethane	75-71-8	N	1.32	U	µg/L	10	1.32
		SW8260	Ethylbenzene	100-41-4	N	0.79	U	µg/L	10	0.79
		SW8260	Hexachlorobutadiene	87-68-3	N	0.94	U	µg/L	6	0.94
		SW8260	Isopropylbenzene	98-82-8	N	0.78	U	µg/L	10	0.78
		SW8260	m,p-Xylene	108-38-3/1	N	1.37	U	µg/L	20	1.37
		SW8260	MEK (2-Butanone)	78-93-3	N	1.9	U	µg/L	100	1.9
		SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	1.5	U	µg/L	50	1.5
		SW8260	Methylene Chloride	75-09-2	N	1.98	U	µg/L	10	1.98
		SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	1.5	U	µg/L	100	1.5
		SW8260	Naphthalene	91-20-3	N	0.53	U	µg/L	10	0.53
		SW8260	n-Butylbenzene	104-51-8	N	0.88	U	µg/L	10	0.88
		SW8260	n-Propylbenzene	103-65-1	N	0.76	U	µg/L	10	0.76
		SW8260	o-Xylene	95-47-6	N	0.89	U	µg/L	10	0.89
		SW8260	p-Isopropyltoluene	99-87-6	N	0.9	U	µg/L	10	0.9
		SW8260	sec-Butylbenzene	135-98-8	N	0.75	U	µg/L	10	0.75
		SW8260	Styrene	100-42-5	N	0.82	U	µg/L	10	0.82
		SW8260	Tert-Butylbenzene	98-06-6	N	0.7	U	µg/L	10	0.7
		SW8260	Tetrachloroethylene	127-18-4	N	174		µg/L	10	0.72
		SW8260	Toluene	108-88-3	N	0.79	U	µg/L	10	0.79
		SW8260	trans-1,2-DCE	156-60-5	N	1.08	F	µg/L	10	0.94

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Extraction Well Results										
10C031RW	8/15/2005	SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.66	U	µg/L	10	0.66
		SW8260	Trichloroethene	79-01-6	N	2310		µg/L	50	4.93
		SW8260	Trichlorofluoromethane	75-69-4	N	1.74	U	µg/L	10	1.74
		SW8260	Vinyl Chloride	75-01-4	N	2.09	U	µg/L	10	2.09
10C032RW	E300.0M	Acetic Acid		64-19-7	N	0.008	U	mg/L	0.1	0.008
	E300.0M	Lactic Acid		50-21-5	N	0.011	U	mg/L	0.1	0.011
	E300.0M	Propionic Acid		79-09-4	N	0.009	U	mg/L	0.1	0.009
	RSK-175	Ethane		74-84-0	N	0.065	F	µg/L	0.69	0.022
	RSK-175	Ethene		74-85-1	N	0.371	F	µg/L	0.71	0.015
	RSK-175	Methane		74-82-8	N	0.62		µg/L	0.52	0.028
	SW6010	Iron, dissolved		7439-89-6_D	N	0.005	U	mg/L	0.2	0.005
	SW6010	Manganese, dissolved		7439-96-5_D	N	0.0004	F	mg/L	0.01	0.0003
	SW8260	1,1,1,2-Tetrachloroethane		630-20-6	N	0.46	U	µg/L	2.5	0.46
	SW8260	1,1,1-TCA		71-55-6	N	0.53	U	µg/L	5	0.53
	SW8260	1,1,2,2-Tetrachloroethane		79-34-5	N	0.57	U	µg/L	2.5	0.57
	SW8260	1,1,2-Trichloroethane		79-00-5	N	0.68	U	µg/L	5	0.68
	SW8260	1,1-DCE		75-35-4	N	0.63	U	µg/L	5	0.63
	SW8260	1,1-Dichloroethane		75-34-3	N	0.66	U	µg/L	5	0.66
	SW8260	1,1-Dichloropropene		563-58-6	N	0.35	U	µg/L	5	0.35
	SW8260	1,2,3-Trichlorobenzene		87-61-6	N	0.37	U	µg/L	5	0.37
	SW8260	1,2,3-Trichloropropane		96-18-4	N	0.54	U	µg/L	5	0.54
	SW8260	1,2,4-Trichlorobenzene		120-82-1	N	0.39	U	µg/L	5	0.39
	SW8260	1,2,4-Trimethylbenzene		95-63-6	N	0.36	U	µg/L	5	0.36
	SW8260	1,2-DCA		107-06-2	N	0.5	U	µg/L	2.5	0.5
	SW8260	1,2-DCB		95-50-1	N	0.53	U	µg/L	5	0.53
	SW8260	1,2-Dibromo-3-chloropropane		96-12-8	N	0.58	U	µg/L	10	0.58
	SW8260	1,2-Dichloropropane		78-87-5	N	0.59	U	µg/L	5	0.59
	SW8260	1,2-EDB		106-93-4	N	0.43	U	µg/L	5	0.43
	SW8260	1,3,5-Trimethylbenzene		108-67-8	N	0.42	U	µg/L	5	0.42
	SW8260	1,3-DCB		541-73-1	N	0.51	U	µg/L	5	0.51
	SW8260	1,3-Dichloropropane		142-28-9	N	0.43	U	µg/L	2	0.43
	SW8260	1,4-DCB		106-46-7	N	0.67	U	µg/L	2.5	0.67
	SW8260	1-Chlorohexane		544-10-5	N	0.31	U	µg/L	5	0.31
	SW8260	2,2-Dichloropropane		594-20-7	N	0.58	U	µg/L	5	0.58

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Extraction Well Results										
10C032RW	8/15/2005	SW8260	2-Chlorotoluene	95-49-8	N	0.41	U	µg/L	5	0.41
		SW8260	4-Chlorotoluene	106-43-4	N	0.37	U	µg/L	5	0.37
		SW8260	Acetone	67-64-1	N	3.2	U	µg/L	50	3.2
		SW8260	Benzene	71-43-2	N	0.36	U	µg/L	2	0.36
		SW8260	Bromobenzene	108-86-1	N	0.55	U	µg/L	5	0.55
		SW8260	Bromochloromethane	74-97-5	N	0.66	U	µg/L	5	0.66
		SW8260	Bromodichloromethane	75-27-4	N	0.59	U	µg/L	2.5	0.59
		SW8260	Bromoform	75-25-2	N	0.38	U	µg/L	5	0.38
		SW8260	Bromomethane	74-83-9	N	1.14	U	µg/L	15	1.14
		SW8260	Carbon Tetrachloride	56-23-5	N	0.39	U	µg/L	5	0.39
		SW8260	Chlorobenzene	108-90-7	N	0.62	U	µg/L	2.5	0.62
		SW8260	Chloroethane	75-00-3	N	1.01	U	µg/L	5	1.01
		SW8260	Chloroform	67-66-3	N	1.36	F	µg/L	1.5	0.63
		SW8260	Chloromethane	74-87-3	N	0.73	U	µg/L	5	0.73
		SW8260	cis-1,2-DCE	156-59-2	N	300		µg/L	5	0.48
		SW8260	cis-1,3-Dichloropropene	10061-01-5	N	0.51	U	µg/L	2.5	0.51
		SW8260	Dibromochloromethane	124-48-1	N	0.45	U	µg/L	2.5	0.45
		SW8260	Dibromomethane	74-95-3	N	0.57	U	µg/L	5	0.57
		SW8260	Dichlorodifluoromethane	75-71-8	N	0.66	U	µg/L	5	0.66
		SW8260	Ethylbenzene	100-41-4	N	0.39	U	µg/L	5	0.39
		SW8260	Hexachlorobutadiene	87-68-3	N	0.47	U	µg/L	3	0.47
		SW8260	Isopropylbenzene	98-82-8	N	0.39	U	µg/L	5	0.39
		SW8260	m,p-Xylene	108-38-3/1	N	0.68	U	µg/L	10	0.68
		SW8260	MEK (2-Butanone)	78-93-3	N	0.9	U	µg/L	50	0.9
		SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	0.75	U	µg/L	25	0.75
		SW8260	Methylene Chloride	75-09-2	N	0.99	U	µg/L	5	0.99
		SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	0.7	U	µg/L	50	0.7
		SW8260	Naphthalene	91-20-3	N	0.26	U	µg/L	5	0.26
		SW8260	n-Butylbenzene	104-51-8	N	0.44	U	µg/L	5	0.44
		SW8260	n-Propylbenzene	103-65-1	N	0.38	U	µg/L	5	0.38
		SW8260	o-Xylene	95-47-6	N	0.44	U	µg/L	5	0.44
		SW8260	p-Isopropyltoluene	99-87-6	N	0.45	U	µg/L	5	0.45
		SW8260	sec-Butylbenzene	135-98-8	N	0.37	U	µg/L	5	0.37
		SW8260	Styrene	100-42-5	N	0.41	U	µg/L	5	0.41

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Extraction Well Results										
10C032RW	8/15/2005	SW8260	Tert-Butylbenzene	98-06-6	N	0.35	U	µg/L	5	0.35
		SW8260	Tetrachloroethylene	127-18-4	N	72.4		µg/L	5	0.36
		SW8260	Toluene	108-88-3	N	0.39	U	µg/L	5	0.39
		SW8260	trans-1,2-DCE	156-60-5	N	1.74	F	µg/L	5	0.47
		SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.33	U	µg/L	5	0.33
		SW8260	Trichloroethene	79-01-6	N	1440		µg/L	50	4.93
		SW8260	Trichlorofluoromethane	75-69-4	N	0.87	U	µg/L	5	0.87
		SW8260	Vinyl Chloride	75-01-4	N	1.15	F	µg/L	5	1.04
		SW9030	Sulfide	SULFIDE	N	0.76	F	mg/L	2	0.43
		SW9056	Chloride	CHLORIDE	N	13.8		mg/L	1	0.01
		SW9056	Nitrate-N	NITRATE	N	1.84		mg/L	1	0.002
		SW9056	Nitrite-N	NITRITE	N	0.01	U	mg/L	1	0.01
		SW9056	Phosphate	PHOSPHATE	N	0.01	U	mg/L	1	0.01
		SW9056	Sulfate	SULFATE	N	7.75		mg/L	1	0.01
10C044RW	9/9/2005	E300.0M	Acetic Acid	64-19-7	N	0.008	U	mg/L	0.1	0.008
		E300.0M	Lactic Acid	50-21-5	N	0.011	U	mg/L	0.1	0.011
		E300.0M	Propionic Acid	79-09-4	N	0.009	U	mg/L	0.1	0.009
		RSK-175	Ethane	74-84-0	N	0.028	U	µg/L	0.88	0.028
		RSK-175	Ethene	74-85-1	N	0.033	F	µg/L	0.88	0.019
		RSK-175	Methane	74-82-8	N	0.181	F	µg/L	0.66	0.036
		SW6010	Iron, dissolved	7439-89-6_D	N	0.014	F	mg/L	0.2	0.005
		SW6010	Manganese, dissolved	7439-96-5_D	N	0.0131		mg/L	0.01	0.0003
		SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	0.06	U	µg/L	0.5	0.06
		SW8260	1,1,1-TCA	71-55-6	N	0.08	U	µg/L	1	0.08
		SW8260	1,1,2,2-Tetrachloroethane	79-34-5	N	0.06	U	µg/L	0.5	0.06
		SW8260	1,1,2-Trichloroethane	79-00-5	N	0.11	F	µg/L	1	0.07
		SW8260	1,1-DCE	75-35-4	N	0.07	U	µg/L	1	0.07
		SW8260	1,1-Dichloroethane	75-34-3	N	0.06	U	µg/L	1	0.06
		SW8260	1,1-Dichloropropene	563-58-6	N	0.05	U	µg/L	1	0.05
		SW8260	1,2,3-Trichlorobenzene	87-61-6	N	0.09	U	µg/L	1	0.09
		SW8260	1,2,3-Trichloropropane	96-18-4	N	0.08	U	µg/L	1	0.08
		SW8260	1,2,4-Trichlorobenzene	120-82-1	N	0.06	U	µg/L	1	0.06
		SW8260	1,2,4-Trimethylbenzene	95-63-6	N	0.05	U	µg/L	1	0.05
		SW8260	1,2-DCA	107-06-2	N	0.09	U	µg/L	0.5	0.09

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Extraction Well Results										
10C044RW	9/9/2005	SW8260	1,2-DCB	95-50-1	N	0.06	U	µg/L	1	0.06
		SW8260	1,2-Dibromo-3-chloropropane	96-12-8	N	0.12	U	µg/L	2	0.12
		SW8260	1,2-Dichloropropane	78-87-5	N	0.04	U	µg/L	1	0.04
		SW8260	1,2-EDB	106-93-4	N	0.07	U	µg/L	1	0.07
		SW8260	1,3,5-Trimethylbenzene	108-67-8	N	0.06	U	µg/L	1	0.06
		SW8260	1,3-DCB	541-73-1	N	0.06	U	µg/L	1	0.06
		SW8260	1,3-Dichloropropane	142-28-9	N	0.05	U	µg/L	0.4	0.05
		SW8260	1,4-DCB	106-46-7	N	0.07	U	µg/L	0.5	0.07
		SW8260	1-Chlorohexane	544-10-5	N	0.06	U	µg/L	1	0.06
		SW8260	2,2-Dichloropropane	594-20-7	N	0.09	U	µg/L	1	0.09
		SW8260	2-Chlorotoluene	95-49-8	N	0.06	U	µg/L	1	0.06
		SW8260	4-Chlorotoluene	106-43-4	N	0.06	U	µg/L	1	0.06
		SW8260	Acetone	67-64-1	N	0.5	U	µg/L	10	0.5
		SW8260	Benzene	71-43-2	N	0.06	U	µg/L	0.4	0.06
		SW8260	Bromobenzene	108-86-1	N	0.07	U	µg/L	1	0.07
		SW8260	Bromochloromethane	74-97-5	N	0.09	U	µg/L	1	0.09
		SW8260	Bromodichloromethane	75-27-4	N	0.07	U	µg/L	0.5	0.07
		SW8260	Bromoform	75-25-2	N	0.08	U	µg/L	1	0.08
		SW8260	Bromomethane	74-83-9	N	0.1	U	µg/L	3	0.1
		SW8260	Carbon Tetrachloride	56-23-5	N	0.06	U	µg/L	1	0.06
		SW8260	Chlorobenzene	108-90-7	N	0.07	U	µg/L	0.5	0.07
		SW8260	Chloroethane	75-00-3	N	0.03	U	µg/L	1	0.03
		SW8260	Chloroform	67-66-3	N	0.4	U	µg/L	0.3	0.09
		SW8260	Chloromethane	74-87-3	N	0.04	U	µg/L	1	0.04
		SW8260	cis-1,2-DCE	156-59-2	N	9.32	U	µg/L	1	0.06
		SW8260	cis-1,3-Dichloropropene	10061-01-5	N	0.07	U	µg/L	0.5	0.07
		SW8260	Dibromochloromethane	124-48-1	N	0.03	U	µg/L	0.5	0.03
		SW8260	Dibromomethane	74-95-3	N	0.09	U	µg/L	1	0.09
		SW8260	Dichlorodifluoromethane	75-71-8	N	0.05	U	µg/L	1	0.05
		SW8260	Ethylbenzene	100-41-4	N	0.06	U	µg/L	1	0.06
		SW8260	Hexachlorobutadiene	87-68-3	N	0.07	U	µg/L	0.6	0.07
		SW8260	Isopropylbenzene	98-82-8	N	0.05	U	µg/L	1	0.05
		SW8260	m,p-Xylene	108-38-3/1	N	0.1	U	µg/L	2	0.1
		SW8260	MEK (2-Butanone)	78-93-3	N	0.3	U	µg/L	10	0.3

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Extraction Well Results										
10C044RW	9/9/2005	SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	0.06	U	µg/L	5	0.06
		SW8260	Methylene Chloride	75-09-2	N	0.07	U	µg/L	1	0.07
		SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	0.2	U	µg/L	10	0.2
		SW8260	Naphthalene	91-20-3	N	0.07	U	µg/L	1	0.07
		SW8260	n-Butylbenzene	104-51-8	N	0.06	U	µg/L	1	0.06
		SW8260	n-Propylbenzene	103-65-1	N	0.05	U	µg/L	1	0.05
		SW8260	o-Xylene	95-47-6	N	0.06	U	µg/L	1	0.06
		SW8260	p-Isopropyltoluene	99-87-6	N	0.04	U	µg/L	1	0.04
		SW8260	sec-Butylbenzene	135-98-8	N	0.06	U	µg/L	1	0.06
		SW8260	Styrene	100-42-5	N	0.05	U	µg/L	1	0.05
		SW8260	Tert-Butylbenzene	98-06-6	N	0.06	U	µg/L	1	0.06
		SW8260	Tetrachloroethylene	127-18-4	N	33.3		µg/L	1	0.08
		SW8260	Toluene	108-88-3	N	0.06	U	µg/L	1	0.06
		SW8260	trans-1,2-DCE	156-60-5	N	0.1	F	µg/L	1	0.07
		SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.05	U	µg/L	1	0.05
		SW8260	Trichloroethene	79-01-6	N	459		µg/L	50	3.57
		SW8260	Trichlorofluoromethane	75-69-4	N	0.06	U	µg/L	1	0.06
		SW8260	Vinyl Chloride	75-01-4	N	0.09	U	µg/L	1	0.09
		SW9030	Sulfide		SULFIDE	2.52		mg/L	2	0.43
		SW9060	Total Organic Carbon		TOC	0.79	F	mg/L	1	0.03
10C045RW	8/15/2005	E300.0M	Acetic Acid	64-19-7	N	0.008	U	mg/L	0.1	0.008
		E300.0M	Lactic Acid	50-21-5	N	0.011	U	mg/L	0.1	0.011
		E300.0M	Propionic Acid	79-09-4	N	0.009	U	mg/L	0.1	0.009
		RSK-175	Ethane	74-84-0	N	0.021	U	µg/L	0.67	0.021
		RSK-175	Ethene	74-85-1	N	0.015	U	µg/L	0.69	0.015
		RSK-175	Methane	74-82-8	N	0.135	F	µg/L	0.5	0.027
		SW8260	1,1,1,2-Tetrachloroethane	630-20-6	N	0.09	U	µg/L	0.5	0.09
		SW8260	1,1,1-TCA	71-55-6	N	0.11	U	µg/L	1	0.11
		SW8260	1,1,2,2-Tetrachloroethane	79-34-5	N	0.11	U	µg/L	0.5	0.11
		SW8260	1,1,2-Trichloroethane	79-00-5	N	0.14	U	µg/L	1	0.14
		SW8260	1,1-DCE	75-35-4	N	0.13	U	µg/L	1	0.13
		SW8260	1,1-Dichloroethane	75-34-3	N	0.13	U	µg/L	1	0.13
		SW8260	1,1-Dichloropropene	563-58-6	N	0.07	U	µg/L	1	0.07
		SW8260	1,2,3-Trichlorobenzene	87-61-6	N	0.07	U	µg/L	1	0.07

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Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Extraction Well Results										
10C045RW	8/15/2005	SW8260	1,2,3-Trichloropropane	96-18-4	N	0.11	U	µg/L	1	0.11
		SW8260	1,2,4-Trichlorobenzene	120-82-1	N	0.08	U	µg/L	1	0.08
		SW8260	1,2,4-Trimethylbenzene	95-63-6	N	0.07	U	µg/L	1	0.07
		SW8260	1,2-DCA	107-06-2	N	0.1	U	µg/L	0.5	0.1
		SW8260	1,2-DCB	95-50-1	N	0.11	U	µg/L	1	0.11
		SW8260	1,2-Dibromo-3-chloropropane	96-12-8	N	0.12	U	µg/L	2	0.12
		SW8260	1,2-Dichloropropane	78-87-5	N	0.12	U	µg/L	1	0.12
		SW8260	1,2-EDB	106-93-4	N	0.09	U	µg/L	1	0.09
		SW8260	1,3,5-Trimethylbenzene	108-67-8	N	0.08	U	µg/L	1	0.08
		SW8260	1,3-DCB	541-73-1	N	0.1	U	µg/L	1	0.1
		SW8260	1,3-Dichloropropane	142-28-9	N	0.09	U	µg/L	0.4	0.09
		SW8260	1,4-DCB	106-46-7	N	0.13	U	µg/L	0.5	0.13
		SW8260	1-Chlorohexane	544-10-5	N	0.06	U	µg/L	1	0.06
		SW8260	2,2-Dichloropropane	594-20-7	N	0.12	U	µg/L	1	0.12
		SW8260	2-Chlorotoluene	95-49-8	N	0.08	U	µg/L	1	0.08
		SW8260	4-Chlorotoluene	106-43-4	N	0.07	U	µg/L	1	0.07
		SW8260	Acetone	67-64-1	N	0.6	U	µg/L	10	0.6
		SW8260	Benzene	71-43-2	N	0.07	U	µg/L	0.4	0.07
		SW8260	Bromobenzene	108-86-1	N	0.11	U	µg/L	1	0.11
		SW8260	Bromochloromethane	74-97-5	N	0.13	U	µg/L	1	0.13
		SW8260	Bromodichloromethane	75-27-4	N	0.12	U	µg/L	0.5	0.12
		SW8260	Bromoform	75-25-2	N	0.08	U	µg/L	1	0.08
		SW8260	Bromomethane	74-83-9	N	0.23	U	µg/L	3	0.23
		SW8260	Carbon Tetrachloride	56-23-5	N	0.08	U	µg/L	1	0.08
		SW8260	Chlorobenzene	108-90-7	N	0.12	U	µg/L	0.5	0.12
		SW8260	Chloroethane	75-00-3	N	0.2	U	µg/L	1	0.2
		SW8260	Chloroform	67-66-3	N	0.16	F	µg/L	0.3	0.13
		SW8260	Chloromethane	74-87-3	N	0.15	U	µg/L	1	0.15
		SW8260	cis-1,2-DCE	156-59-2	N	26.1		µg/L	1	0.1
		SW8260	cis-1,3-Dichloropropene	10061-01-5	N	0.1	U	µg/L	0.5	0.1
		SW8260	Dibromochloromethane	124-48-1	N	0.09	U	µg/L	0.5	0.09
		SW8260	Dibromomethane	74-95-3	N	0.11	U	µg/L	1	0.11
		SW8260	Dichlorodifluoromethane	75-71-8	N	0.13	U	µg/L	1	0.13
		SW8260	Ethylbenzene	100-41-4	N	0.08	U	µg/L	1	0.08

ATTACHMENT B2

Summary of Site 10 EISB Treatment System Analytical Data, Third Quarter 2005

LTO&M Third Quarter 2005 Report, Beale Air Force Base, California – Site 10 EISB Treatment System Monitoring Data

Sample Location	Sample Date	Method	Analyte	CAS No.	QA/QC Type	Result	Flag	Units	Reporting Limit	Method Detection Limit
Site 10 EISB Treatment System – Extraction Well Results										
10C045RW	8/15/2005	SW8260	Hexachlorobutadiene	87-68-3	N	0.09	U	µg/L	0.6	0.09
		SW8260	Isopropylbenzene	98-82-8	N	0.08	U	µg/L	1	0.08
		SW8260	m,p-Xylene	108-38-3/1	N	0.14	U	µg/L	2	0.14
		SW8260	MEK (2-Butanone)	78-93-3	N	0.2	U	µg/L	10	0.2
		SW8260	Methyl t-butyl ether (MtBE)	1634-04-4	N	0.15	U	µg/L	5	0.15
		SW8260	Methylene Chloride	75-09-2	N	0.2	U	µg/L	1	0.2
		SW8260	MIBK (methyl isobutyl ketone)	108-10-1	N	0.1	U	µg/L	10	0.1
		SW8260	Naphthalene	91-20-3	N	0.05	U	µg/L	1	0.05
		SW8260	n-Butylbenzene	104-51-8	N	0.09	U	µg/L	1	0.09
		SW8260	n-Propylbenzene	103-65-1	N	0.08	U	µg/L	1	0.08
		SW8260	o-Xylene	95-47-6	N	0.09	U	µg/L	1	0.09
		SW8260	p-Isopropyltoluene	99-87-6	N	0.09	U	µg/L	1	0.09
		SW8260	sec-Butylbenzene	135-98-8	N	0.07	U	µg/L	1	0.07
		SW8260	Styrene	100-42-5	N	0.08	U	µg/L	1	0.08
		SW8260	Tert-Butylbenzene	98-06-6	N	0.07	U	µg/L	1	0.07
		SW8260	Tetrachloroethylene	127-18-4	N	1.59		µg/L	1	0.07
		SW8260	Toluene	108-88-3	N	0.08	U	µg/L	1	0.08
		SW8260	trans-1,2-DCE	156-60-5	N	0.09	U	µg/L	1	0.09
		SW8260	trans-1,3-Dichloropropene	10061-02-6	N	0.07	U	µg/L	1	0.07
		SW8260	Trichloroethene	79-01-6	N	122		µg/L	50	4.93
		SW8260	Trichlorofluoromethane	75-69-4	N	0.17	U	µg/L	1	0.17
		SW8260	Vinyl Chloride	75-01-4	N	0.21	U	µg/L	1	0.21

Notes:

U = Not Detected.

FD = Field Duplicate.

N = Normal Sample.

Qualifier Description

B = The analyte was found in an associated blank, as well as in the sample.

F = The analyte was positively identified but the associated numerical value is below the reporting limit (RL).

J = The analyte was positively identified, the quantitation is an estimate.

M = A matrix effect was present.